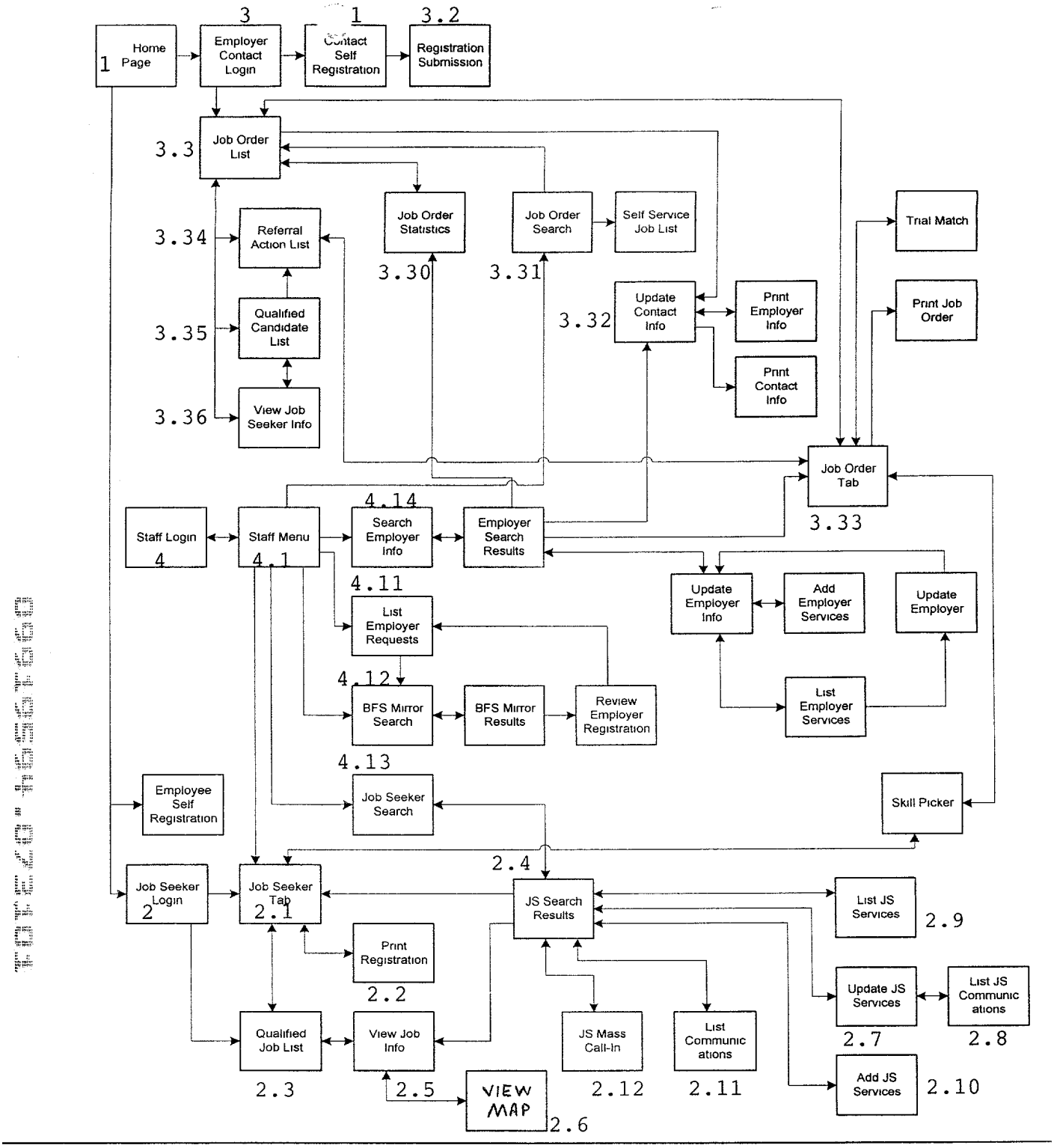
Home Page
1
Employer Contact Login
3
Contact Self Registration
1
Registration Submission
3.2
Job Order List
3.3
Job Order Statistics
3.30
Job Order Search
3.31
Self Service Job List
Trial Match
Referral Action List
3.34
Qualified Candidate List
3.35
View Job Seeker Info
3.36
Update Contact Info
3.32
Print Employer Info
Print Contact Info
Print Job Order
Job Order Tab
3.33
Staff Login
4
Staff Menu
4.1
Search Employer Info
4.14
Employer Search Results
4.11
List Employer Requests
4.12
BFS Mirror Search
BFS Mirror Results
Review Employer Registration
4.13
Update Employer Info
Add Employer Services
Update Employer
List Employer Services
Employee Self Registration
Job Seeker Search
Skill Picker
2.4
Job Seeker Login
2
Job Seeker Tab
2.1
JS Search Results
List JS Services
2.9
Print Registration
2.2
Update JS Services
2.7
List JS Communic ations
2.8
Qualified Job List
2.3
View Job Info
2.5
VIEW MAP
2.6
JS Mass Call-In
2.12
List Communic ations
2.11
Add JS Services
2.10

FIGURE 1

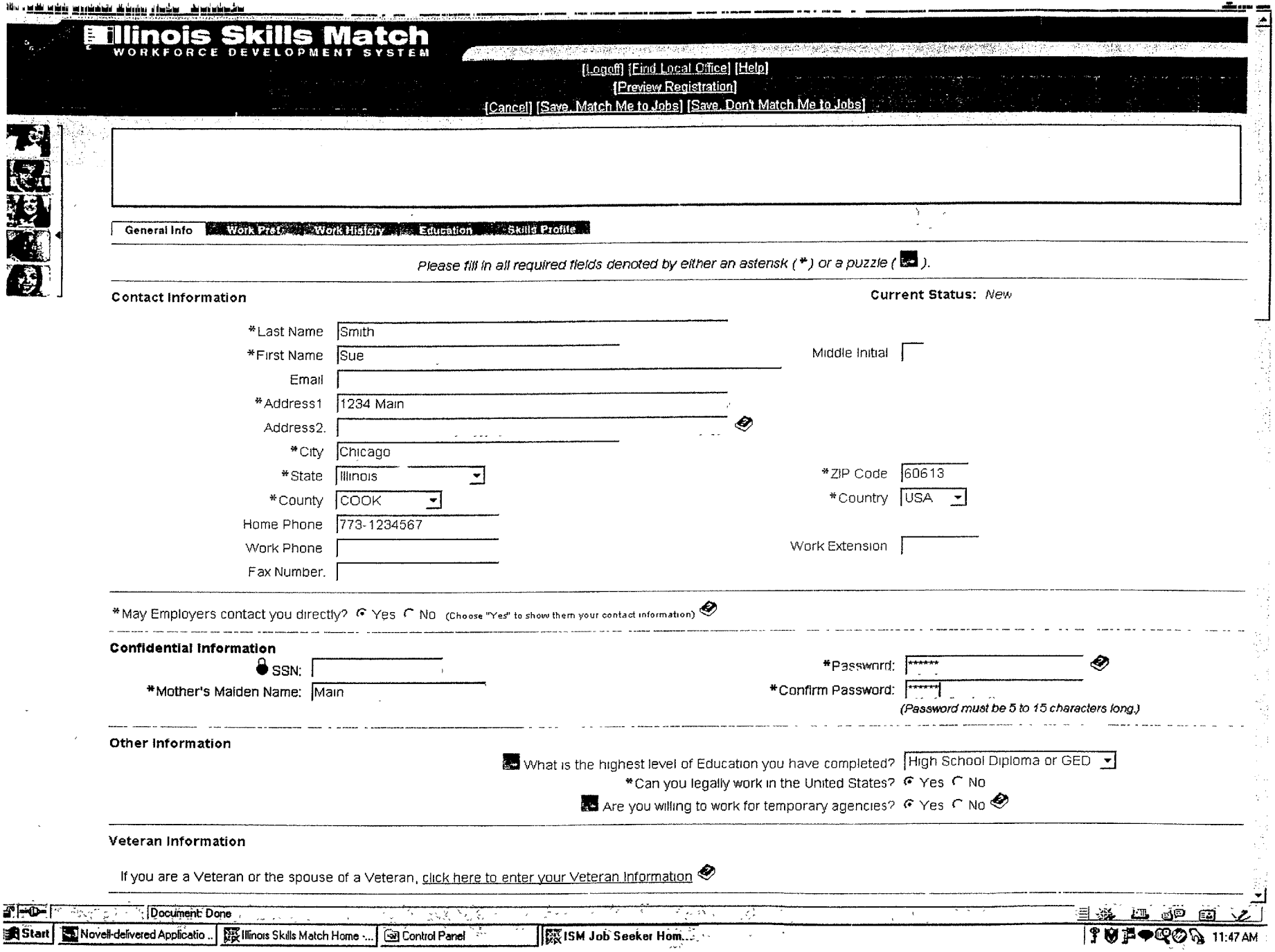
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref.
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Contact Information
Current Status: New
*Last Name Smith
*First Name Sue
Middle Initial
Email
*Address1 1234 Main
Address2.
*City Chicago
*State Illinois
*ZIP Code 60613
*County COOK
*Country USA
Home Phone 773-1234567
Work Phone
Work Extension
Fax Number.
*May Employers contact you directly? Yes No (Choose "Yes" to show them your contact information)
Confidential Information
SSN:
*Password:
*Mother's Maiden Name: Main
*Confirm Password:
(Password must be 5 to 15 characters long.)
Other Information
What is the highest level of Education you have completed? High School Diploma or GED
*Can you legally work in the United States? Yes No
Are you willing to work for temporary agencies? Yes No
Veteran Information
If you are a Veteran or the spouse of a Veteran, click here to enter your Veteran Information
Document: Done
Start
Novell-delivered Applicatio..
Illinois Skills Match Home -...
Control Panel
ISM Job Seeker Hom...
11:47 AM

FIGURE 2

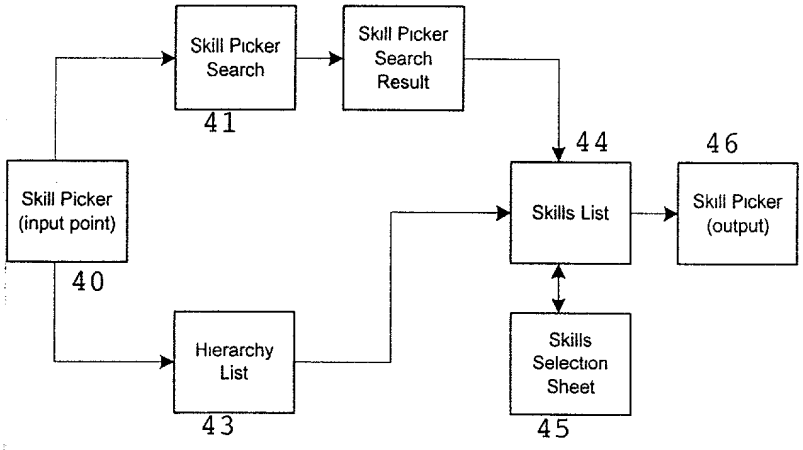
Skill Picker Search
41
Skill Picker Search Result
44
46
Skill Picker (input point)
40
Skills List
Skill Picker (output)
Hierarchy List
43
Skills Selection Sheet
45

FIGURE 3

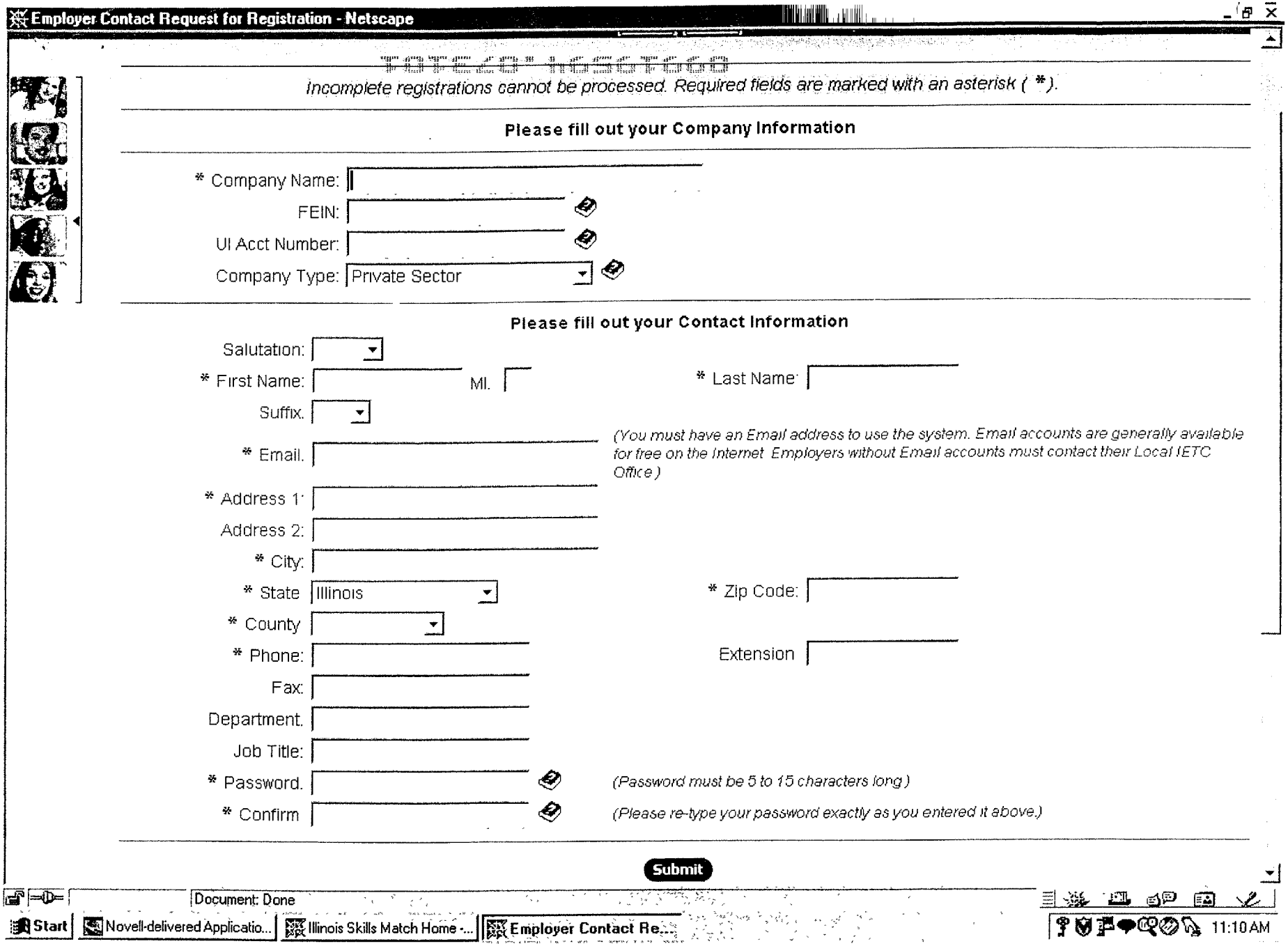
Employer Contact Request for Registration - Netscape
Incomplete registrations cannot be processed. Required fields are marked with an asterisk (*).
Please fill out your Company Information
* Company Name:
FEIN:
UI Acct Number:
Company Type: Private Sector
Please fill out your Contact Information
Salutation:
* First Name:
MI.
* Last Name:
Suffix.
* Email.
(You must have an Email address to use the system. Email accounts are generally available for free on the Internet Employers without Email accounts must contact their Local IETC Office)
* Address 1:
Address 2:
* City:
* State Illinois
* Zip Code:
* County
* Phone:
Extension
Fax:
Department.
Job Title:
* Password.
(Password must be 5 to 15 characters long)
* Confirm
(Please re-type your password exactly as you entered it above.)
Submit
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Employer Contact Re...
11:10 AM

FIGURE 4

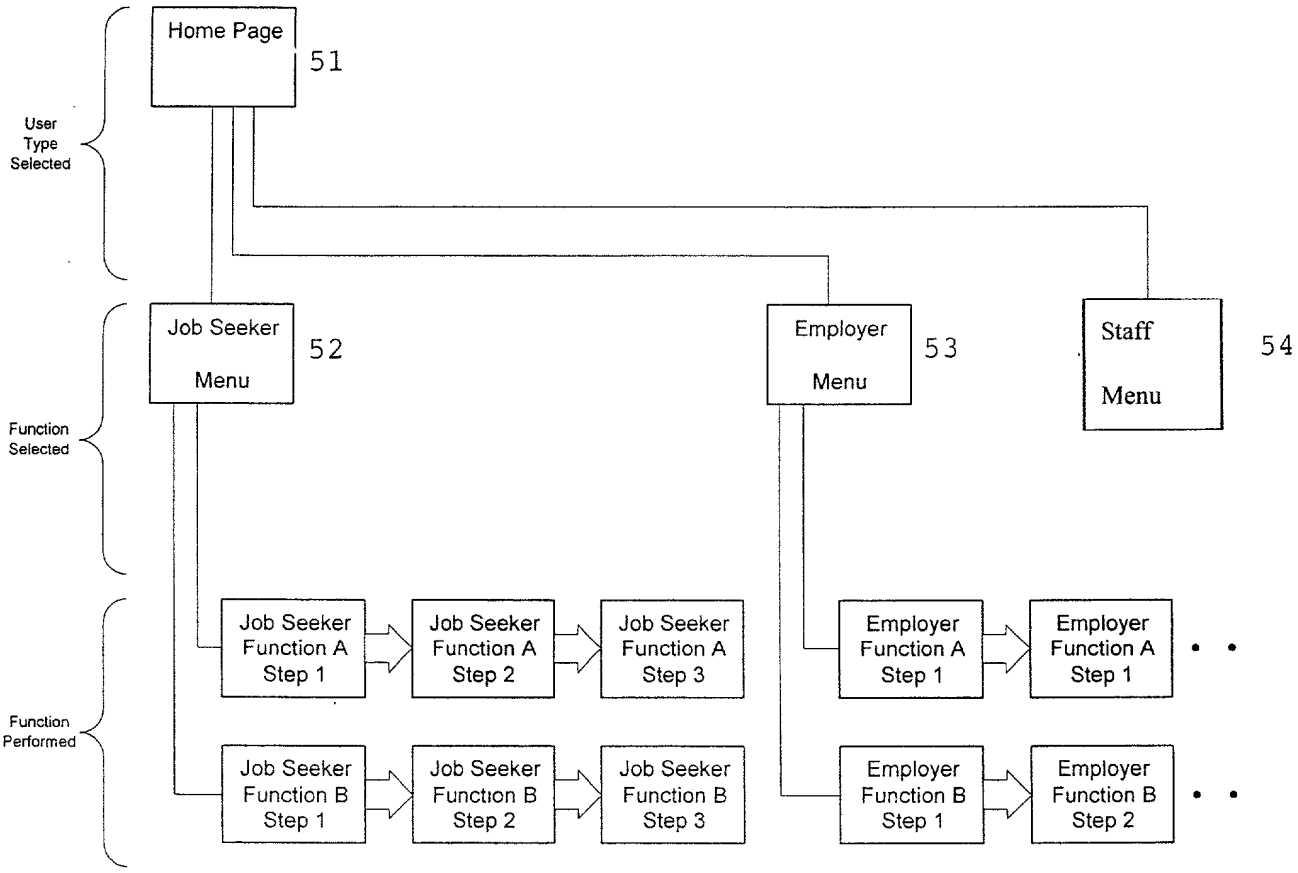
Home Page
51
User Type Selected
Job Seeker Menu
52
Employer Menu
53
Staff Menu
54
Function Selected
Job Seeker Function A Step 1
Job Seeker Function A Step 2
Job Seeker Function A Step 3
Employer Function A Step 1
Employer Function A Step 1
Function Performed
Job Seeker Function B Step 1
Job Seeker Function B Step 2
Job Seeker Function B Step 3
Employer Function B Step 1
Employer Function B Step 2

FIGURE 5

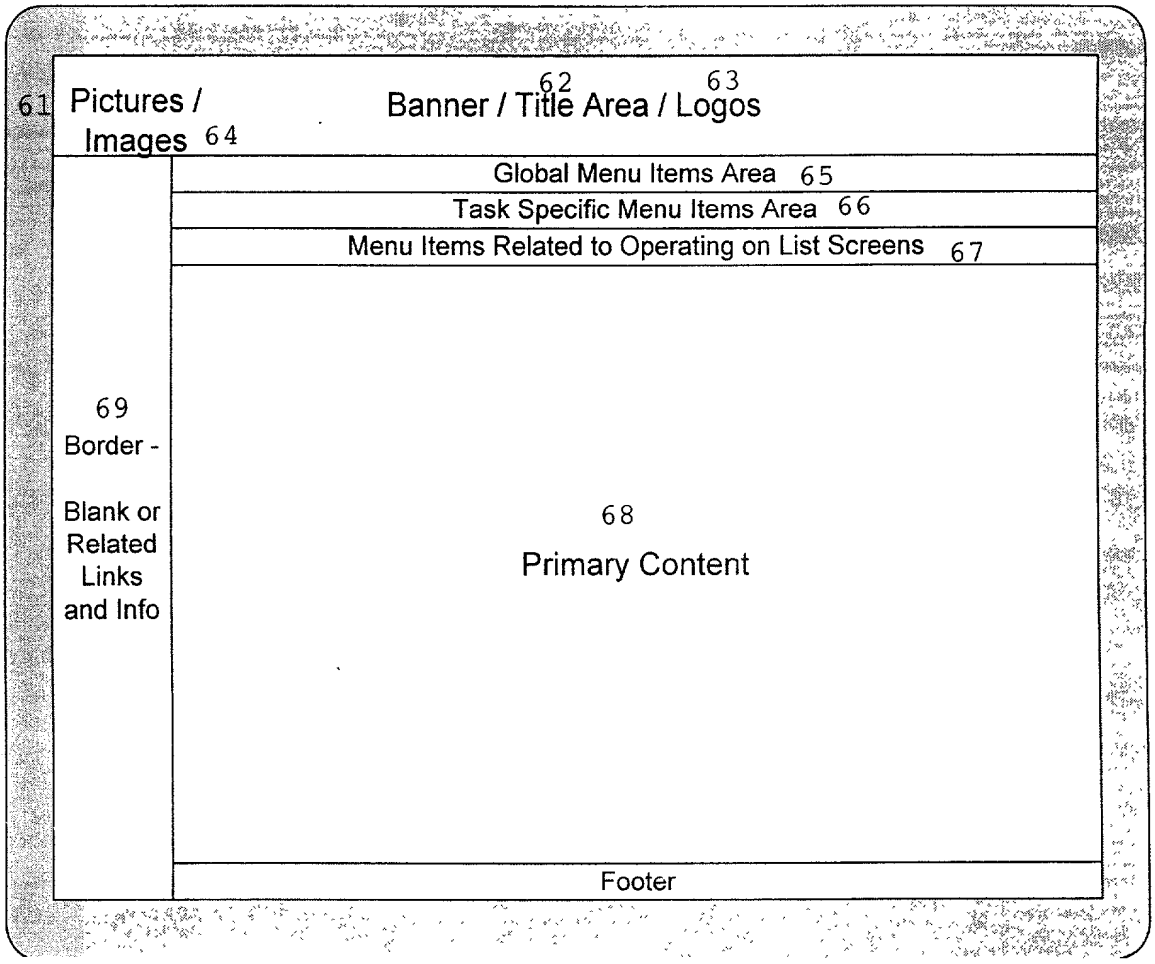
61
Pictures / Images 64
62
63
Banner / Title Area / Logos
Global Menu Items Area 65
Task Specific Menu Items Area 66
Menu Items Related to Operating on List Screens 67
69
Border -
Blank or Related Links and Info
68
Primary Content
Footer

FIGURE 6

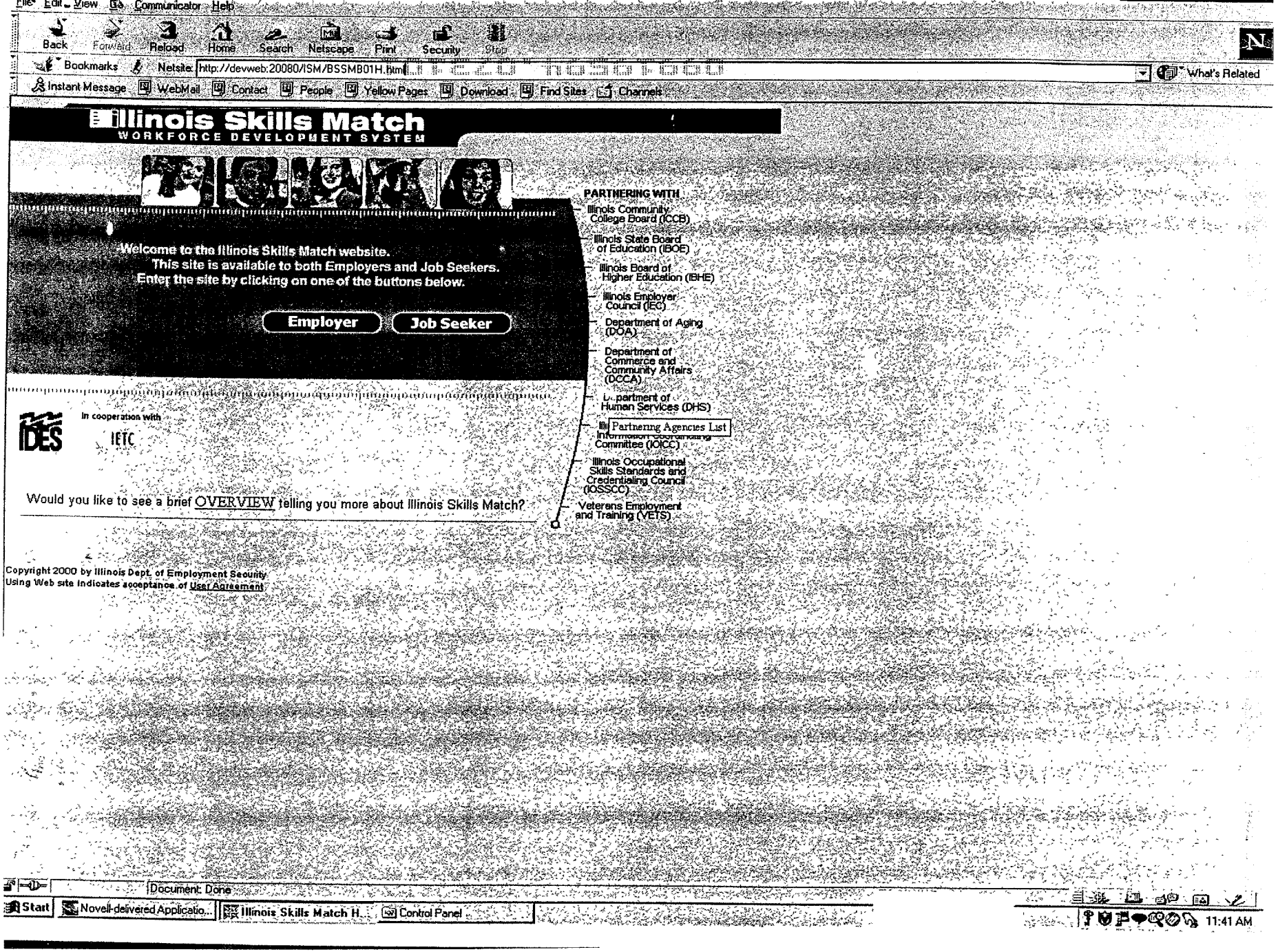
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/ISM/BSSMB01H.html
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match website.
This site is available to both Employers and Job Seekers.
Enter the site by clicking on one of the buttons below.
Employer
Job Seeker
In cooperation with
IDES
IETC
Would you like to see a brief OVERVIEW telling you more about Illinois Skills Match?
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (ISBE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Partnering Agencies List
Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match H...
Control Panel
11:41 AM

FIGURE 7

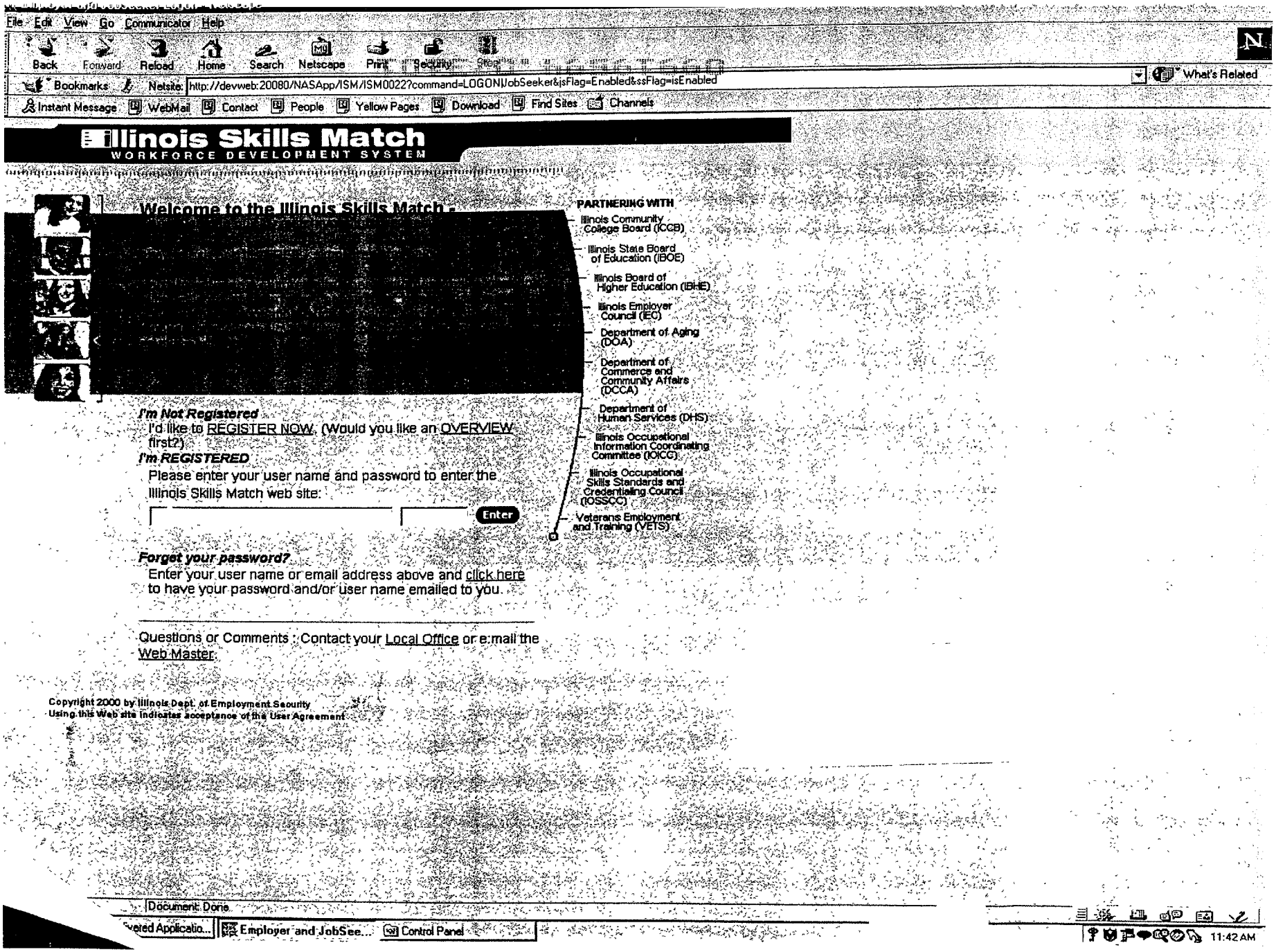
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM0022?command=LOGONJobSeeker&isFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match -
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (ISBE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e-mail the Web Master.
Copyright 2000 by Illinois Dept. of Employment Security
Using this Web site indicates acceptance of the User Agreement
Document: Done
Employer and JobSee...
Control Panel
11:42 AM

FIGURE 8

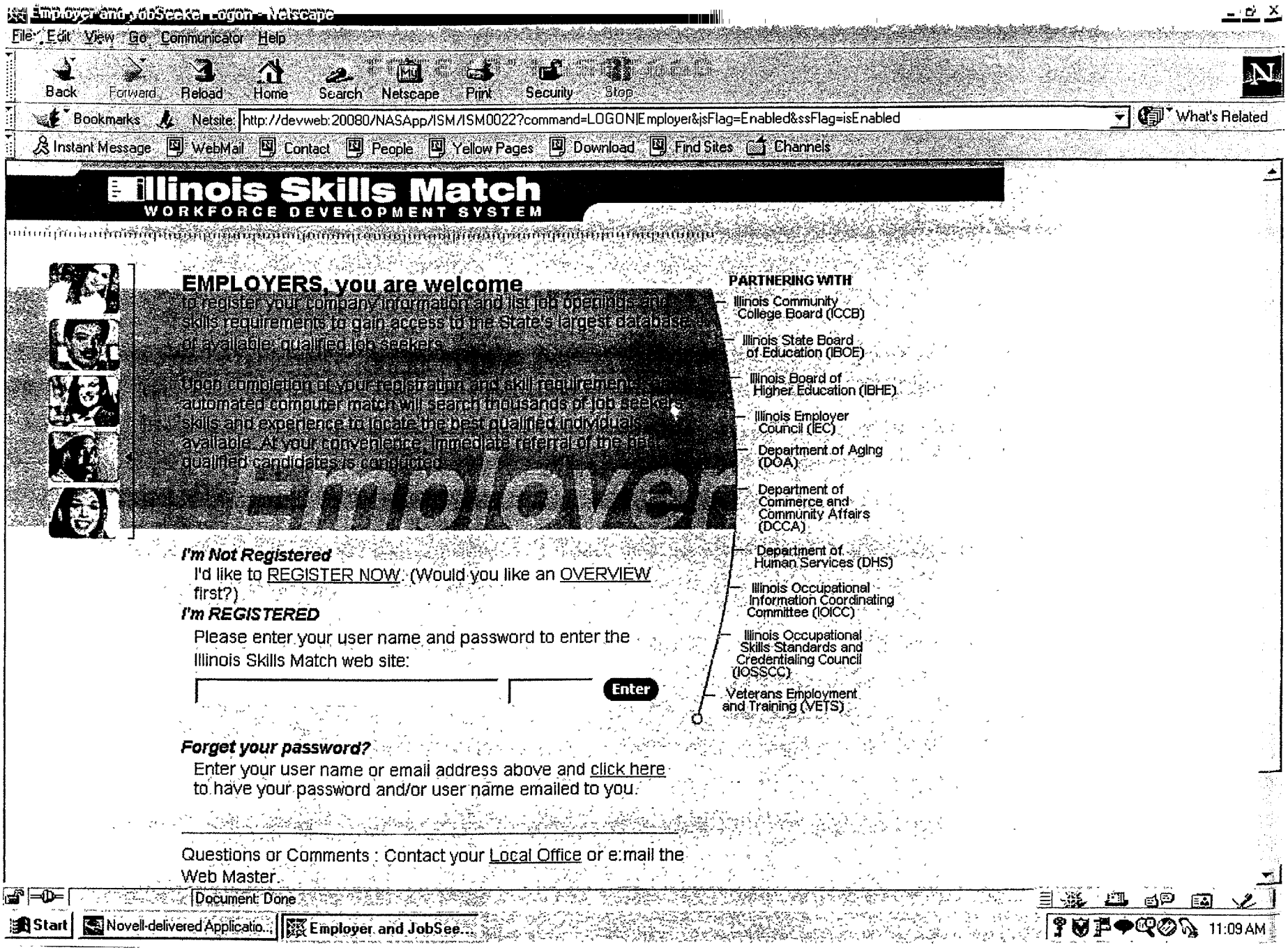
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM0022?command=LOGONIEmployer&jsFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
EMPLOYERS, you are welcome
to register your company information and list job openings and skills requirements to gain access to the State's largest database of available, qualified job seekers.
Upon completion of your registration and skill requirements, our automated computer match will search thousands of job seekers' skills and experience to locate the best qualified individuals available. At your convenience, immediate referral of the best qualified candidates is completed.
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e:mail the Web Master.
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (IBOE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
Document: Done
Start
Novell-delivered Applicatio...
Employer and JobSee...
11:09 AM

FIGURE 9

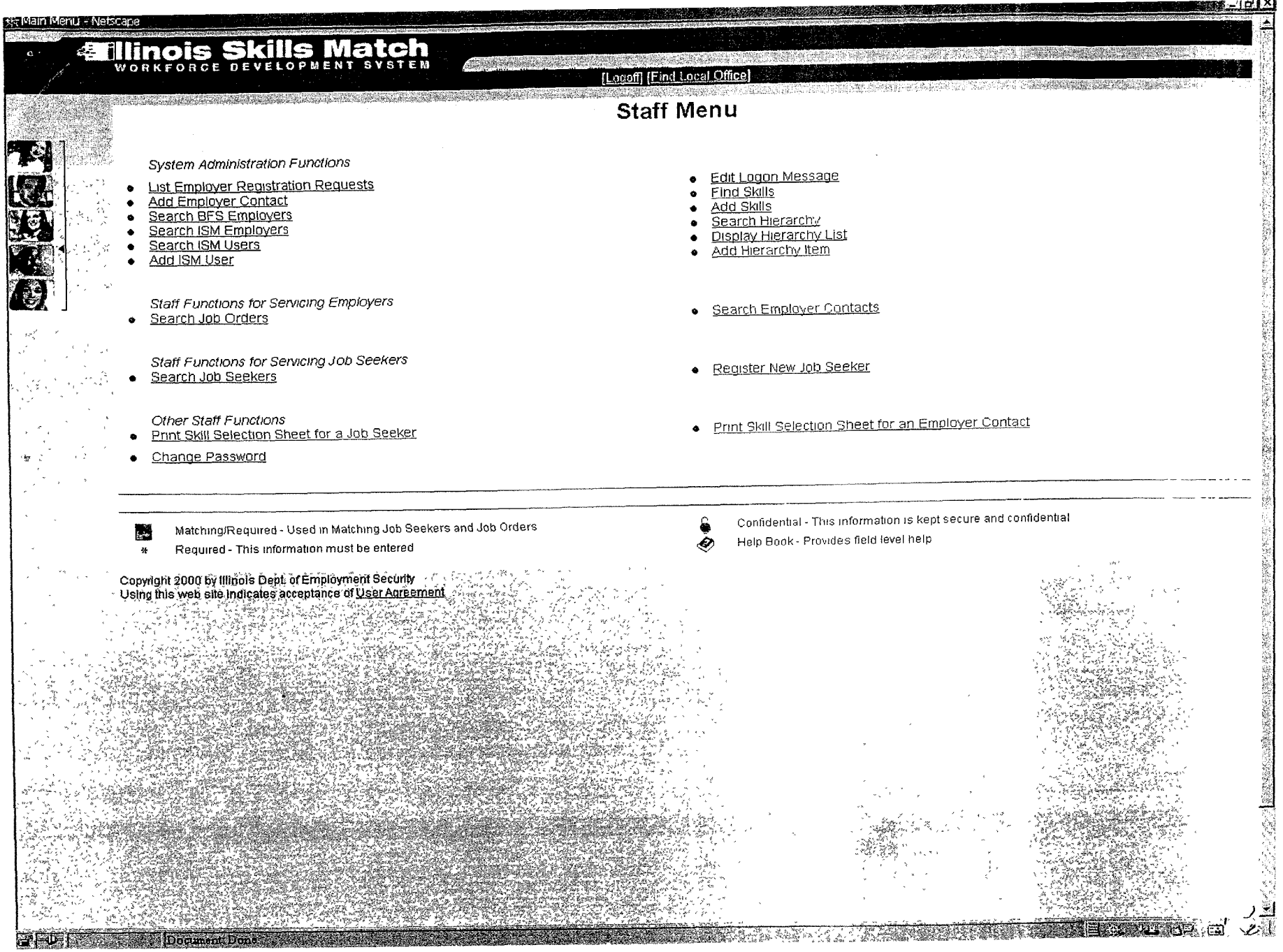
Main Menu - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office]
Staff Menu
System Administration Functions
List Employer Registration Requests
Add Employer Contact
Search BFS Employers
Search ISM Employers
Search ISM Users
Add ISM User
Edit Logon Message
Find Skills
Add Skills
Search Hierarchy
Display Hierarchy List
Add Hierarchy Item
Staff Functions for Servicing Employers
Search Job Orders
Search Employer Contacts
Staff Functions for Servicing Job Seekers
Search Job Seekers
Register New Job Seeker
Other Staff Functions
Print Skill Selection Sheet for a Job Seeker
Print Skill Selection Sheet for an Employer Contact
Change Password
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document Done

FIGURE 10

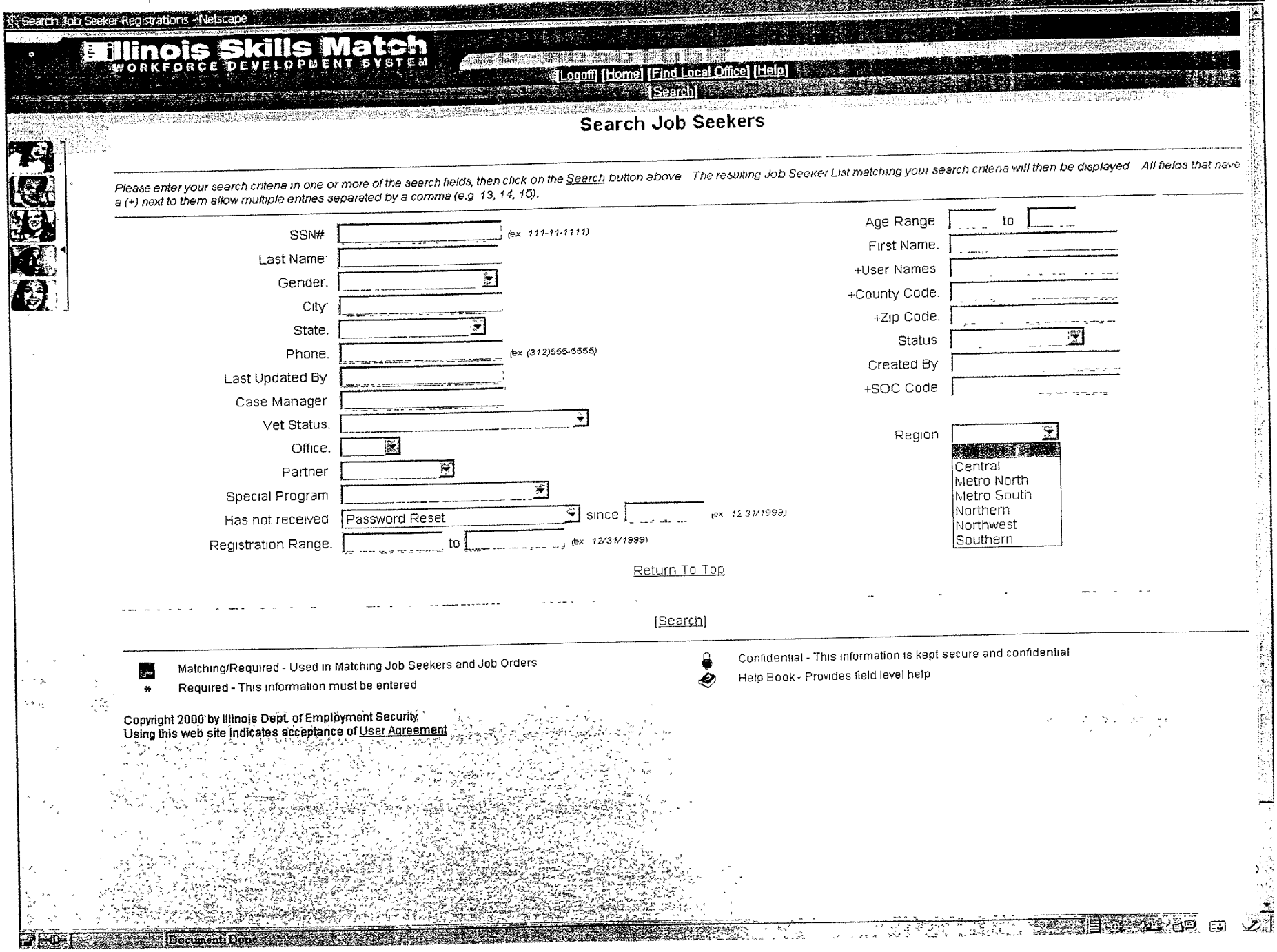
Search Job Seeker Registrations - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Search]
Search Job Seekers
Please enter your search criteria in one or more of the search fields, then click on the Search button above. The resulting Job Seeker List matching your search criteria will then be displayed. All fields that have a (+) next to them allow multiple entries separated by a comma (e.g. 13, 14, 15).
SSN# (ex 111-11-1111)
Last Name
Gender.
City
State.
Phone. (ex (312)555-5555)
Last Updated By
Case Manager
Vet Status.
Office.
Partner
Special Program
Has not received Password Reset since (ex 12/31/1999)
Registration Range. to (ex 12/31/1999)
Age Range to
First Name.
+User Names
+County Code.
+Zip Code.
Status
Created By
+SOC Code
Region
Central
Metro North
Metro South
Northern
Northwest
Southern
Return To Top
[Search]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document: Done

FIGURE 11

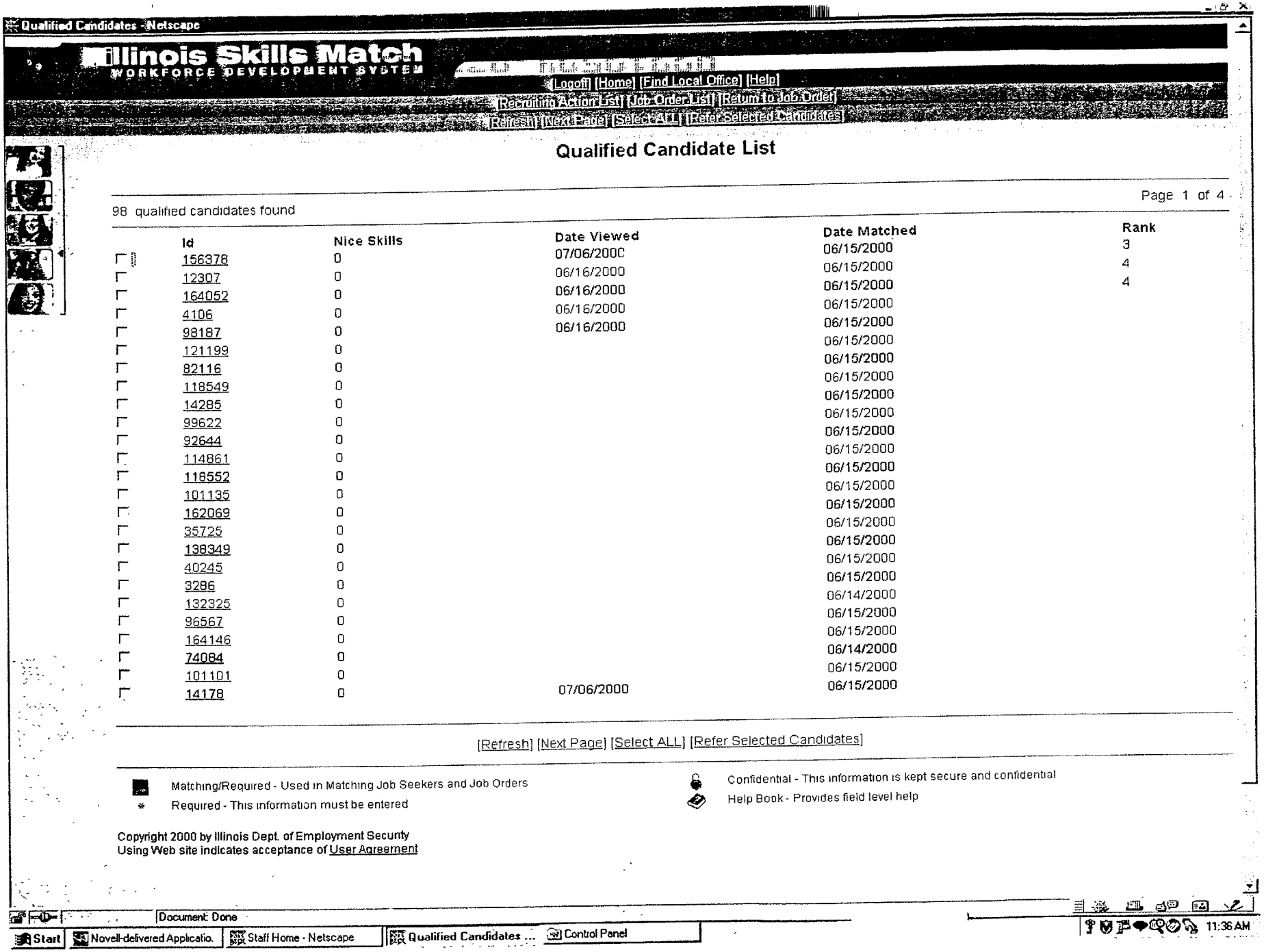
Qualified Candidates - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Recruiting Action List] [Job Order List] [Return to Job Order]
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Qualified Candidate List
Page 1 of 4
98 qualified candidates found
Id
Nice Skills
Date Viewed
Date Matched
Rank
156378 0 07/06/2000 06/15/2000 3
12307 0 06/16/2000 06/15/2000 4
164052 0 06/16/2000 06/15/2000 4
4106 0 06/16/2000 06/15/2000
98187 0 06/16/2000 06/15/2000
121199 0 06/15/2000
82116 0 06/15/2000
118549 0 06/15/2000
14285 0 06/15/2000
99622 0 06/15/2000
92644 0 06/15/2000
114861 0 06/15/2000
118552 0 06/15/2000
101135 0 06/15/2000
162069 0 06/15/2000
35725 0 06/15/2000
138349 0 06/15/2000
40245 0 06/15/2000
3286 0 06/14/2000
132325 0 06/15/2000
96567 0 06/15/2000
164146 0 06/14/2000
74084 0 06/15/2000
101101 0 06/15/2000
14178 0 07/06/2000 06/15/2000
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Qualified Candidates ...
Control Panel
11:36 AM

FIGURE 12

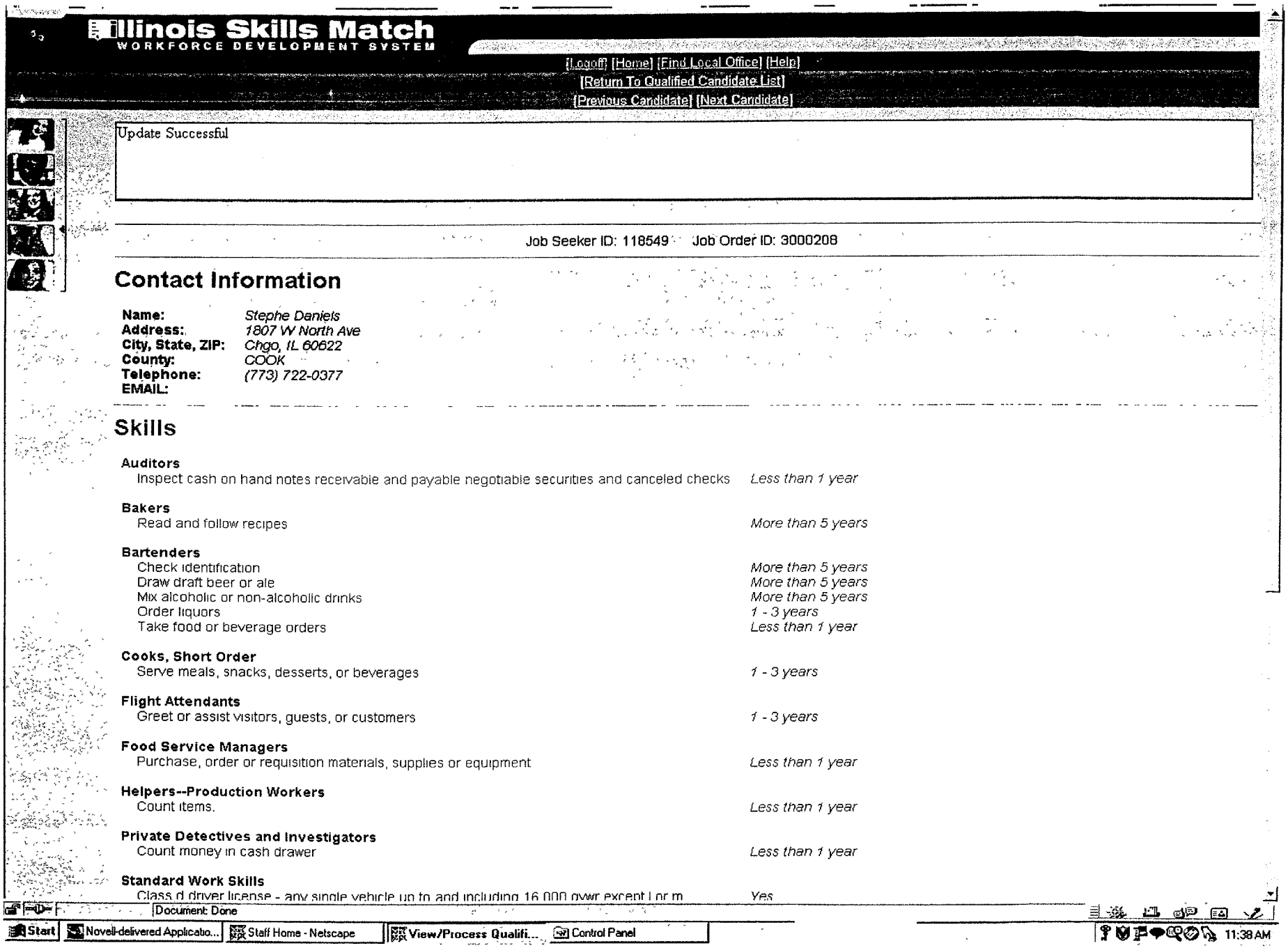
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Return To Qualified Candidate List]
[Previous Candidate] [Next Candidate]
Update Successful
Job Seeker ID: 118549 Job Order ID: 3000208
Contact Information
Name: Stephe Daniels
Address: 1807 W North Ave
City, State, ZIP: Chgo, IL 60622
County: COOK
Telephone: (773) 722-0377
EMAIL:
Skills
Auditors
Inspect cash on hand notes receivable and payable negotiable securities and canceled checks Less than 1 year
Bakers
Read and follow recipes More than 5 years
Bartenders
Check identification More than 5 years
Draw draft beer or ale More than 5 years
Mix alcoholic or non-alcoholic drinks More than 5 years
Order liquors 1 - 3 years
Take food or beverage orders Less than 1 year
Cooks, Short Order
Serve meals, snacks, desserts, or beverages 1 - 3 years
Flight Attendants
Greet or assist visitors, guests, or customers 1 - 3 years
Food Service Managers
Purchase, order or requisition materials, supplies or equipment Less than 1 year
Helpers--Production Workers
Count items. Less than 1 year
Private Detectives and Investigators
Count money in cash drawer Less than 1 year
Standard Work Skills
Class d driver license - any single vehicle up to and including 16 000 gvwr except l or m Yes
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
View/Process Qualifi...
Control Panel
11:38 AM

FIGURE 13

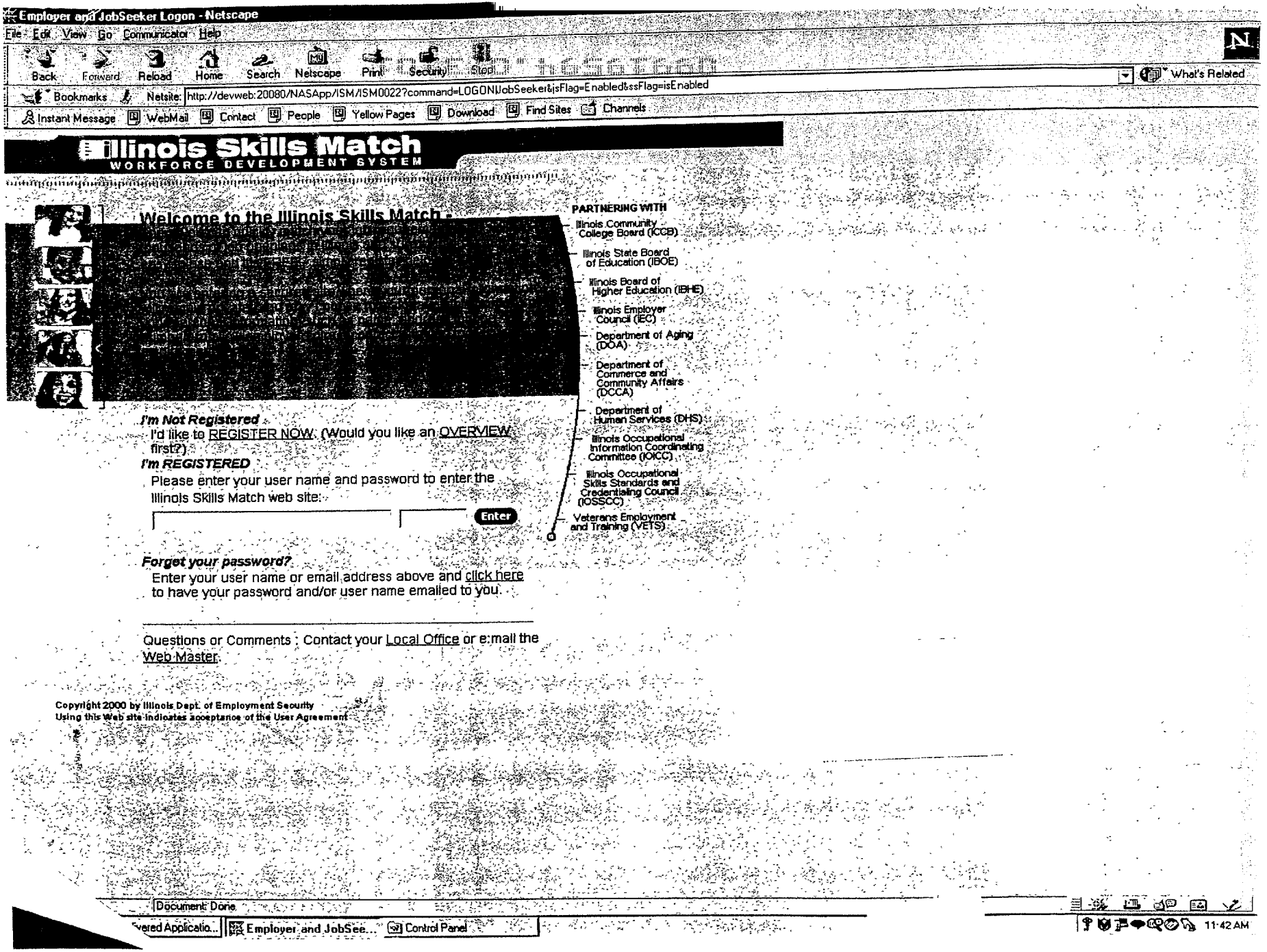
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM0022?command=LOGONJobSeeker&isFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (IBOE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e:mail the Web Master.
Copyright 2000 by Illinois Dept. of Employment Security
Using this Web site indicates acceptance of the User Agreement
Document: Done
Employer and JobSee...
Control Panel
11:42 AM

FIGURE 14

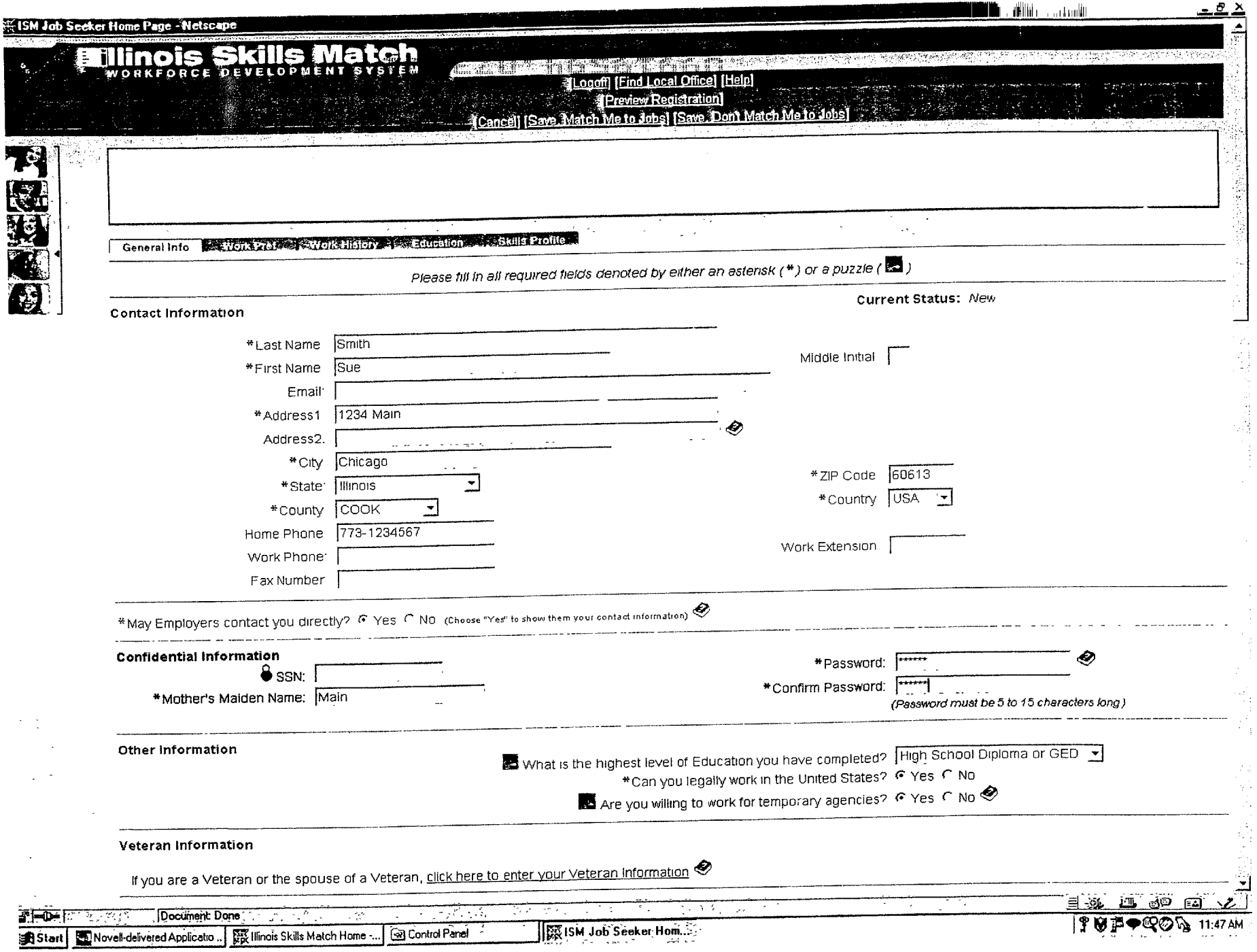
ISM Job Seeker Home Page - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( )
Current Status: New
Contact Information
*Last Name Smith
*First Name Sue
Middle Initial
Email
*Address1 1234 Main
Address2.
*City Chicago
*State Illinois
*County COOK
*ZIP Code 60613
*Country USA
Home Phone 773-1234567
Work Phone
Work Extension
Fax Number
*May Employers contact you directly? Yes No (Choose "Yes" to show them your contact information)
Confidential Information
SSN:
*Mother's Maiden Name: Main
*Password:
*Confirm Password:
(Password must be 5 to 15 characters long)
Other Information
What is the highest level of Education you have completed? High School Diploma or GED
*Can you legally work in the United States? Yes No
Are you willing to work for temporary agencies? Yes No
Veteran Information
If you are a Veteran or the spouse of a Veteran, click here to enter your Veteran Information
Document: Done
Start
Novell-delivered Applicatio ..
Illinois Skills Match Home -...
Control Panel
ISM Job Seeker Hom...
11:47 AM

FIGURE 15

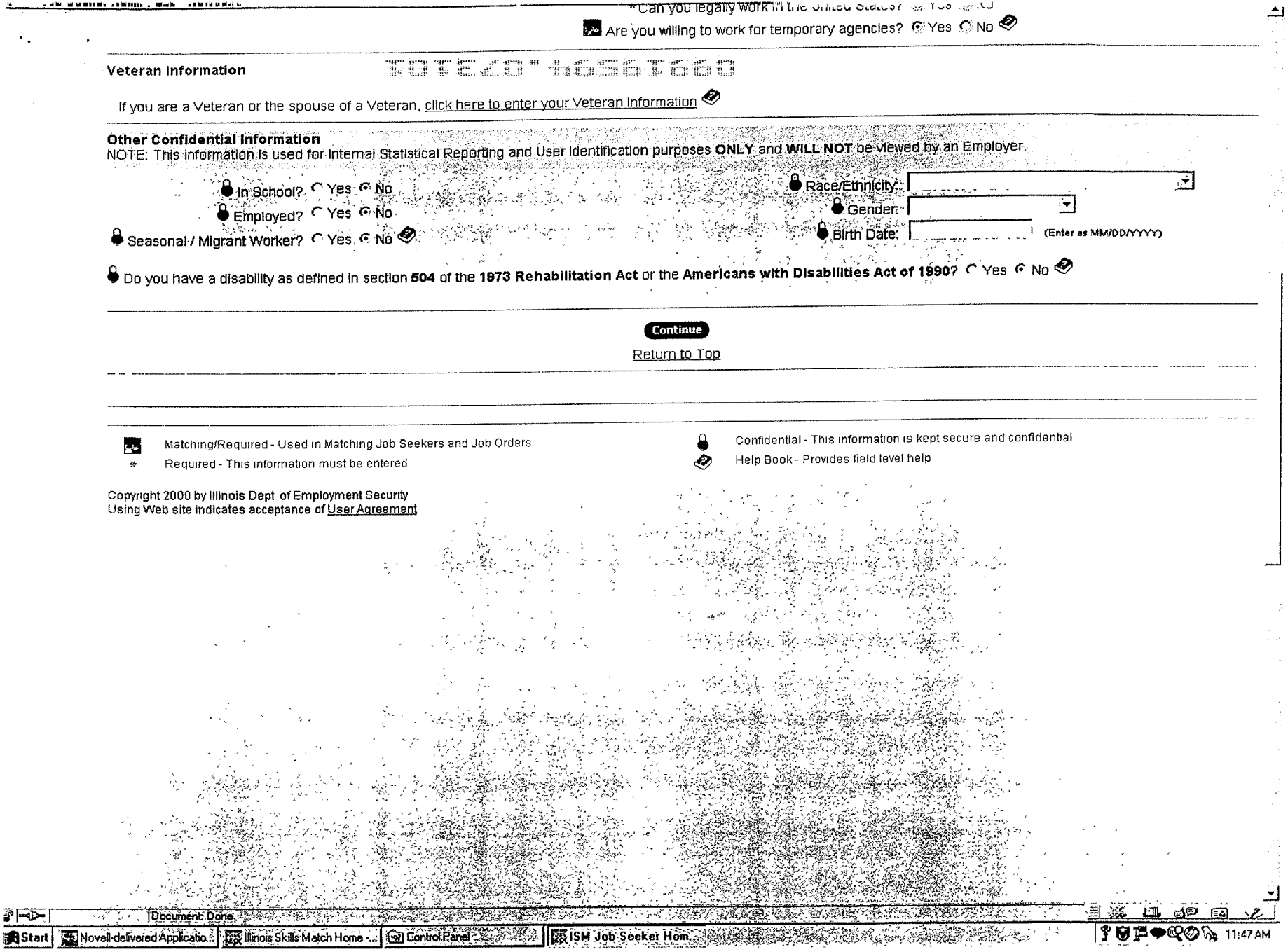

FIGURE 15 Continued

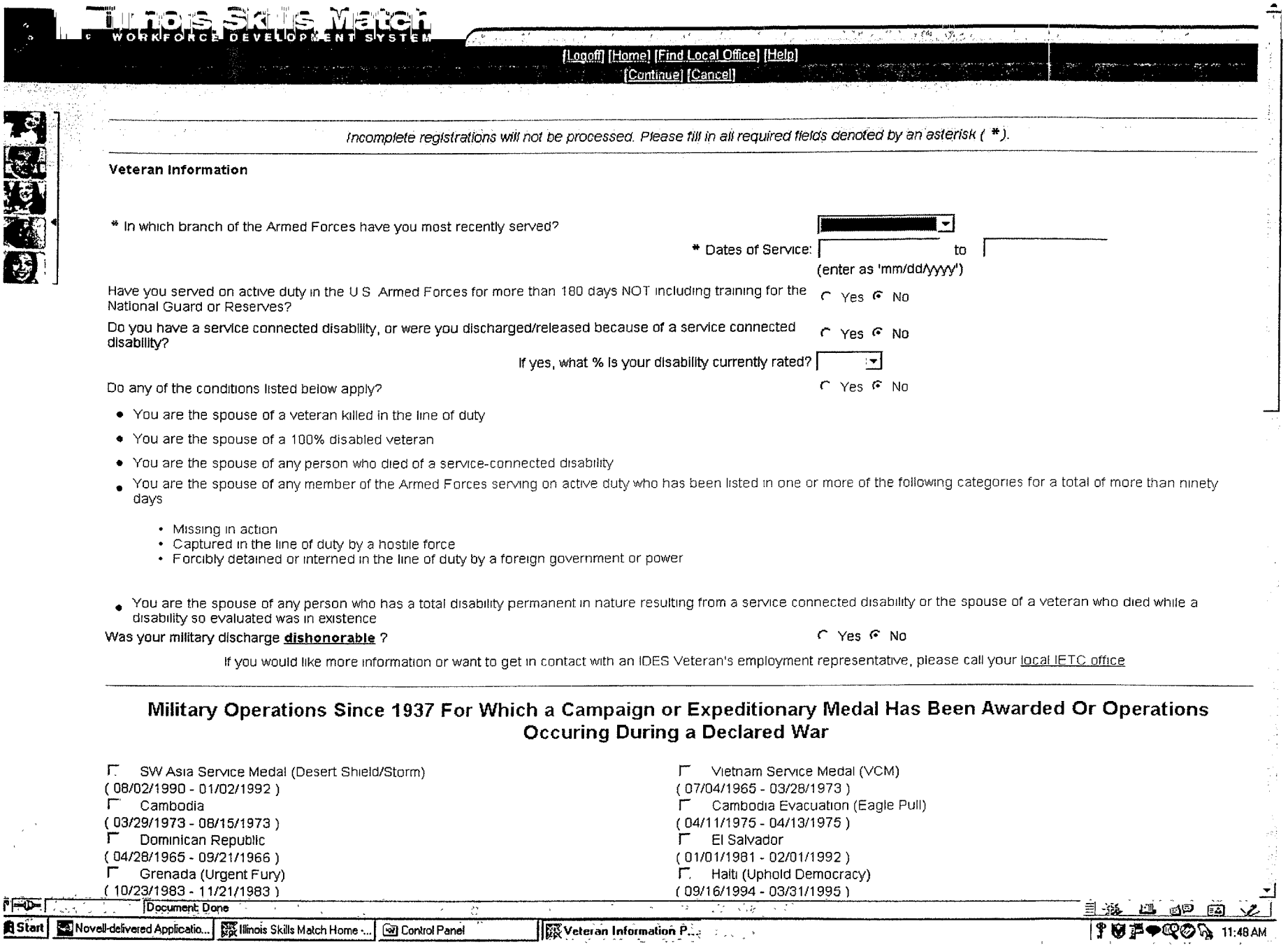
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Continue] [Cancel]
Incomplete registrations will not be processed. Please fill in all required fields denoted by an asterisk (*).
Veteran Information
* In which branch of the Armed Forces have you most recently served?
* Dates of Service: to
(enter as 'mm/dd/yyyy')
Have you served on active duty in the U S Armed Forces for more than 180 days NOT including training for the National Guard or Reserves? Yes No
Do you have a service connected disability, or were you discharged/released because of a service connected disability? Yes No
If yes, what % is your disability currently rated?
Do any of the conditions listed below apply? Yes No
• You are the spouse of a veteran killed in the line of duty
• You are the spouse of a 100% disabled veteran
• You are the spouse of any person who died of a service-connected disability
• You are the spouse of any member of the Armed Forces serving on active duty who has been listed in one or more of the following categories for a total of more than ninety days
• Missing in action
• Captured in the line of duty by a hostile force
• Forcibly detained or interned in the line of duty by a foreign government or power
• You are the spouse of any person who has a total disability permanent in nature resulting from a service connected disability or the spouse of a veteran who died while a disability so evaluated was in existence
Was your military discharge dishonorable ? Yes No
If you would like more information or want to get in contact with an IDES Veteran's employment representative, please call your local IETC office
Military Operations Since 1937 For Which a Campaign or Expeditionary Medal Has Been Awarded Or Operations Occuring During a Declared War
SW Asia Service Medal (Desert Shield/Storm) (08/02/1990 - 01/02/1992)
Cambodia (03/29/1973 - 08/15/1973)
Dominican Republic (04/28/1965 - 09/21/1966)
Grenada (Urgent Fury) (10/23/1983 - 11/21/1983)
Vietnam Service Medal (VCM) (07/04/1965 - 03/28/1973)
Cambodia Evacuation (Eagle Pull) (04/11/1975 - 04/13/1975)
El Salvador (01/01/1981 - 02/01/1992)
Haiti (Uphold Democracy) (09/16/1994 - 03/31/1995)
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
Veteran Information P...
11:48 AM

FIGURE 16

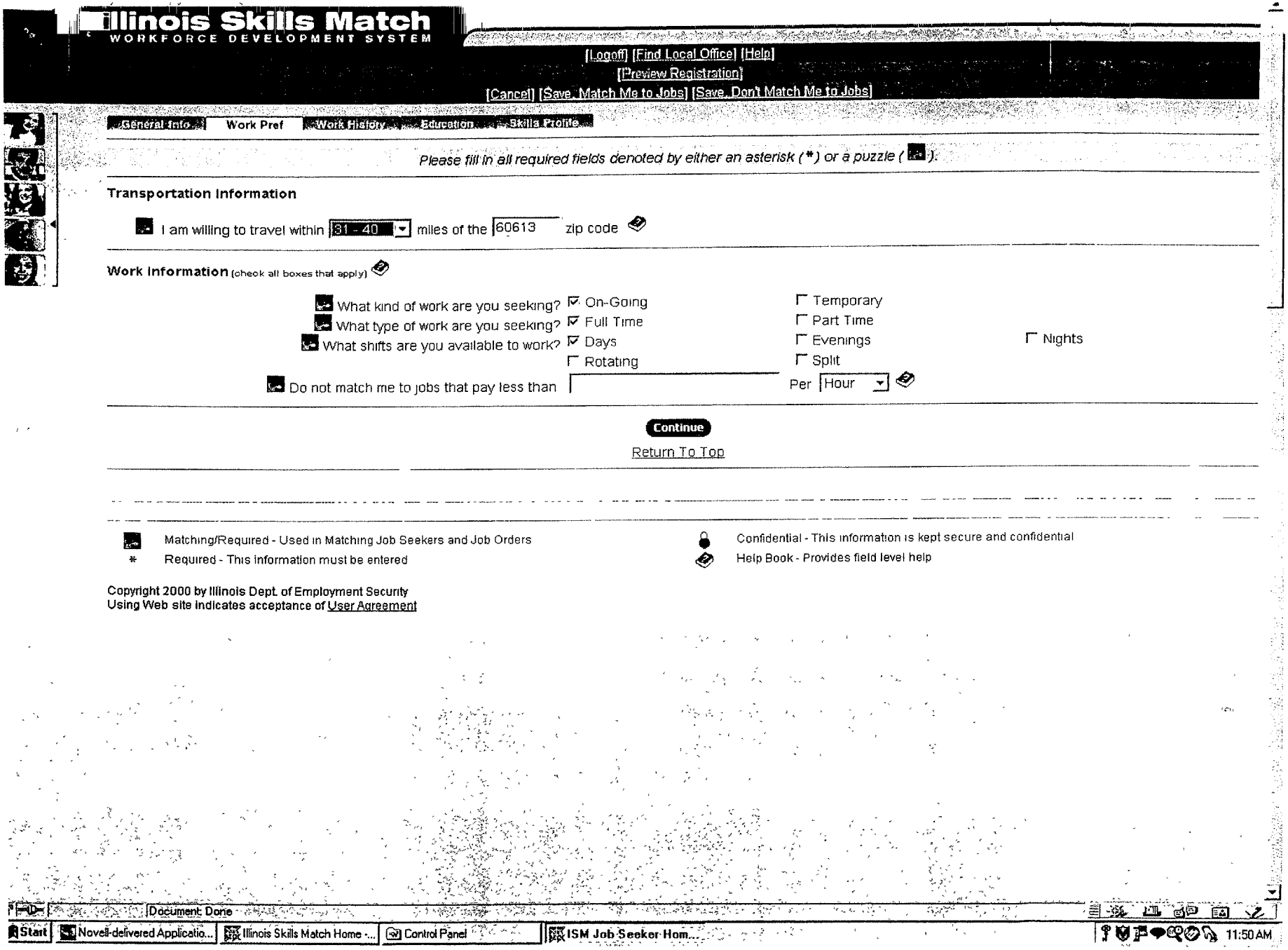
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Transportation Information
I am willing to travel within 31 - 40 miles of the 60613 zip code
Work Information (check all boxes that apply)
What kind of work are you seeking? On-Going Temporary
What type of work are you seeking? Full Time Part Time
What shifts are you available to work? Days Evenings Nights
Rotating Split
Do not match me to jobs that pay less than Per Hour
Continue
Return To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
ISM Job Seeker Hom...
11:50 AM

FIGURE 17

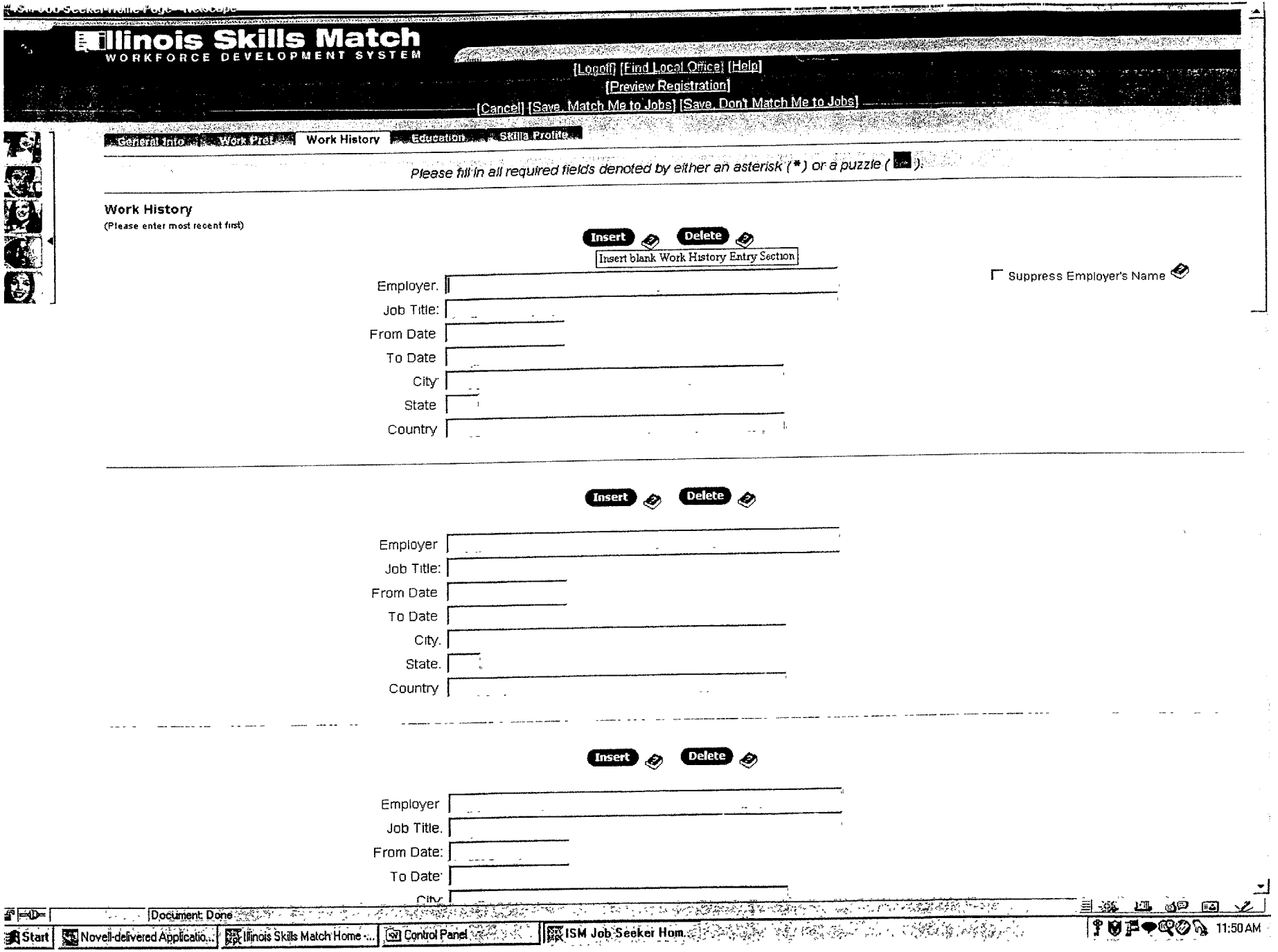
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Work History
(Please enter most recent first)
Insert
Delete
Insert blank Work History Entry Section
Suppress Employer's Name
Employer.
Job Title:
From Date
To Date
City
State
Country
Insert
Delete
Employer
Job Title:
From Date
To Date
City.
State.
Country
Insert
Delete
Employer
Job Title.
From Date:
To Date
City
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
ISM Job Seeker Hom...
11:50 AM

FIGURE 18

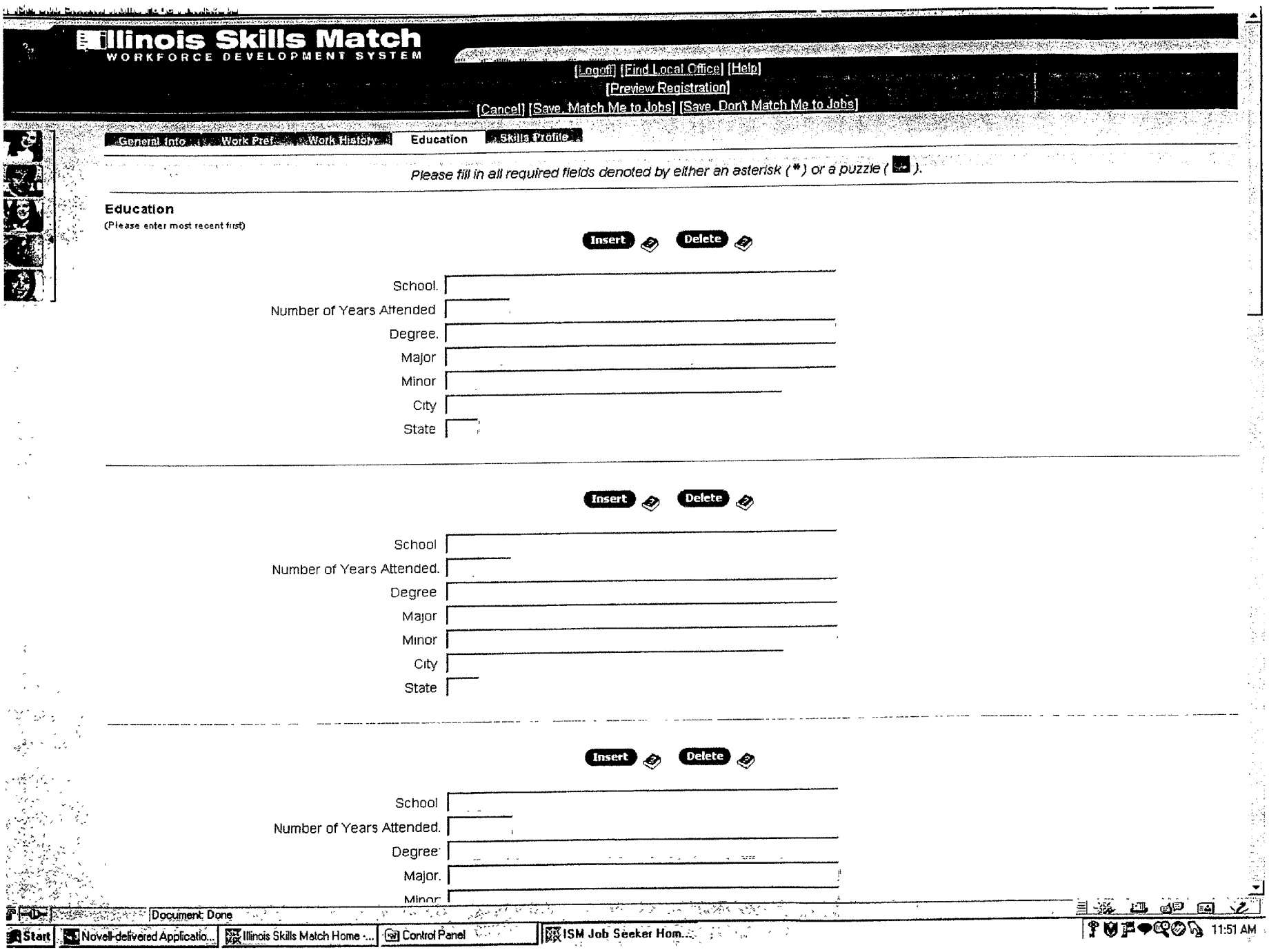
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Education
(Please enter most recent first)
Insert
Delete
School.
Number of Years Attended
Degree.
Major
Minor
City
State
Insert
Delete
School
Number of Years Attended.
Degree
Major
Minor
City
State
Insert
Delete
School
Number of Years Attended.
Degree
Major.
Minor
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
ISM Job Seeker Hom...
11:51 AM

FIGURE 19

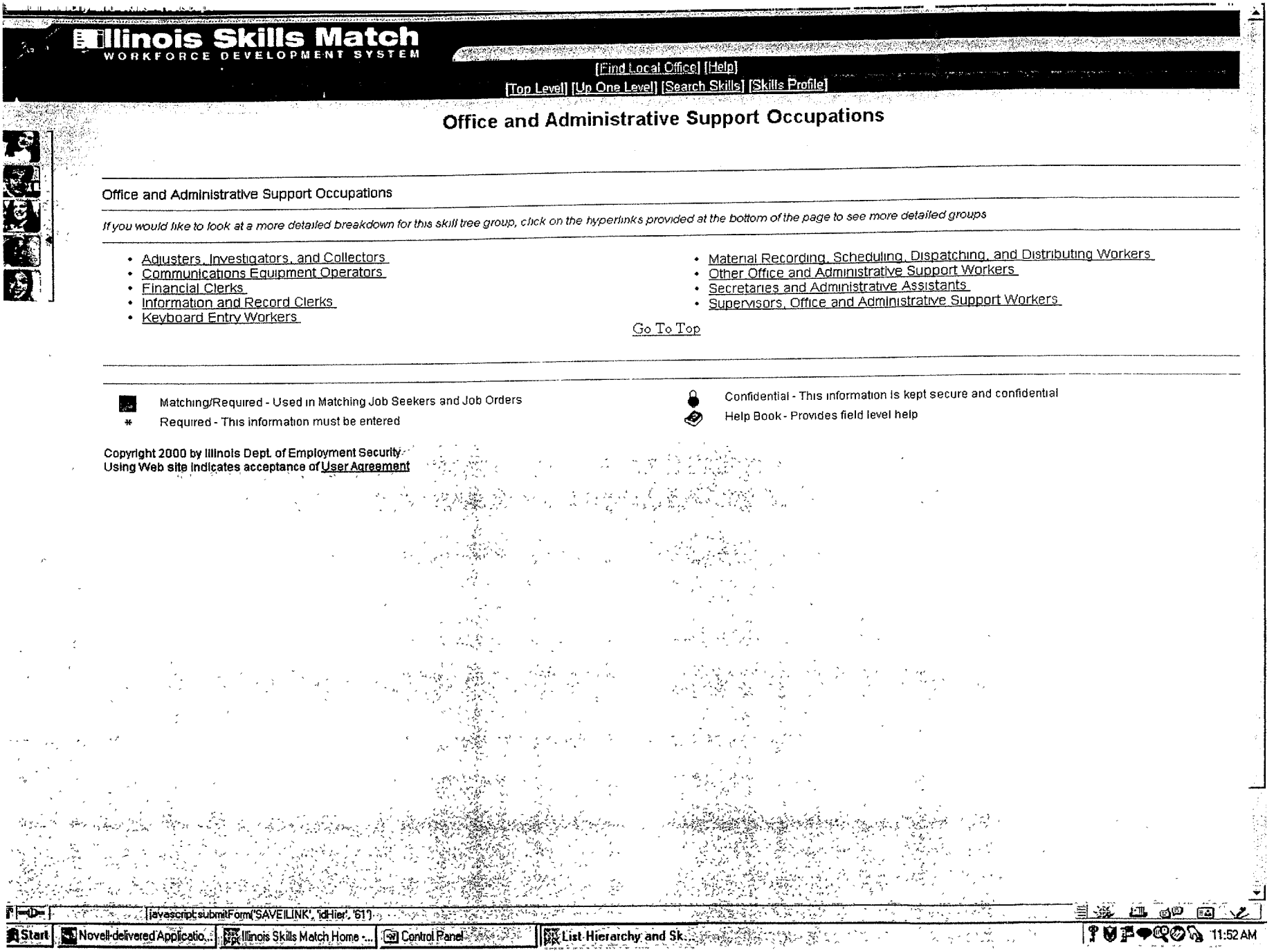
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Find Local Office] [Help]
[Top Level] [Up One Level] [Search Skills] [Skills Profile]
Office and Administrative Support Occupations
Office and Administrative Support Occupations
If you would like to look at a more detailed breakdown for this skill tree group, click on the hyperlinks provided at the bottom of the page to see more detailed groups
Adjusters, Investigators, and Collectors
Communications Equipment Operators
Financial Clerks
Information and Record Clerks
Keyboard Entry Workers
Material Recording, Scheduling, Dispatching, and Distributing Workers
Other Office and Administrative Support Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support Workers
Go To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
javascript:submitForm('SAVEILINK', 'idHier', '61')
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
List Hierarchy and Sk...
11:52 AM

FIGURE 20

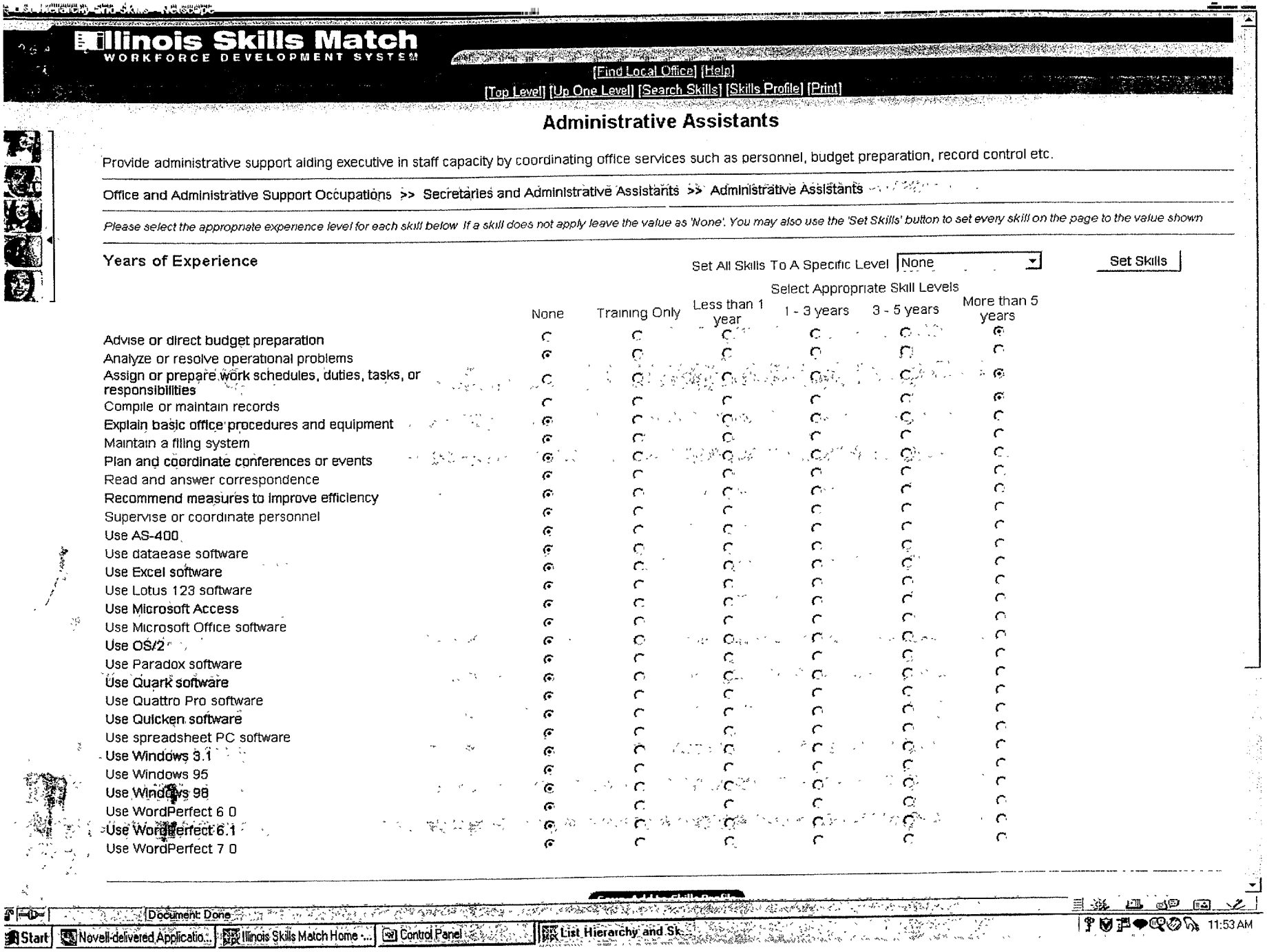
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Find Local Office] [Help]
[Top Level] [Up One Level] [Search Skills] [Skills Profile] [Print]
Administrative Assistants
Provide administrative support aiding executive in staff capacity by coordinating office services such as personnel, budget preparation, record control etc.
Office and Administrative Support Occupations >> Secretaries and Administrative Assistants >> Administrative Assistants
Please select the appropriate experience level for each skill below If a skill does not apply leave the value as 'None'. You may also use the 'Set Skills' button to set every skill on the page to the value shown
Years of Experience
Set All Skills To A Specific Level None
Set Skills
Select Appropriate Skill Levels
None
Training Only
Less than 1 year
1 - 3 years
3 - 5 years
More than 5 years
Advise or direct budget preparation
Analyze or resolve operational problems
Assign or prepare work schedules, duties, tasks, or responsibilities
Compile or maintain records
Explain basic office procedures and equipment
Maintain a filing system
Plan and coordinate conferences or events
Read and answer correspondence
Recommend measures to improve efficiency
Supervise or coordinate personnel
Use AS-400
Use dataease software
Use Excel software
Use Lotus 123 software
Use Microsoft Access
Use Microsoft Office software
Use OS/2
Use Paradox software
Use Quark software
Use Quattro Pro software
Use Quicken software
Use spreadsheet PC software
Use Windows 3.1
Use Windows 95
Use Windows 98
Use WordPerfect 6 0
Use WordPerfect 6.1
Use WordPerfect 7 0
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
List Hierarchy and Sk...
11:53 AM

FIGURE 21

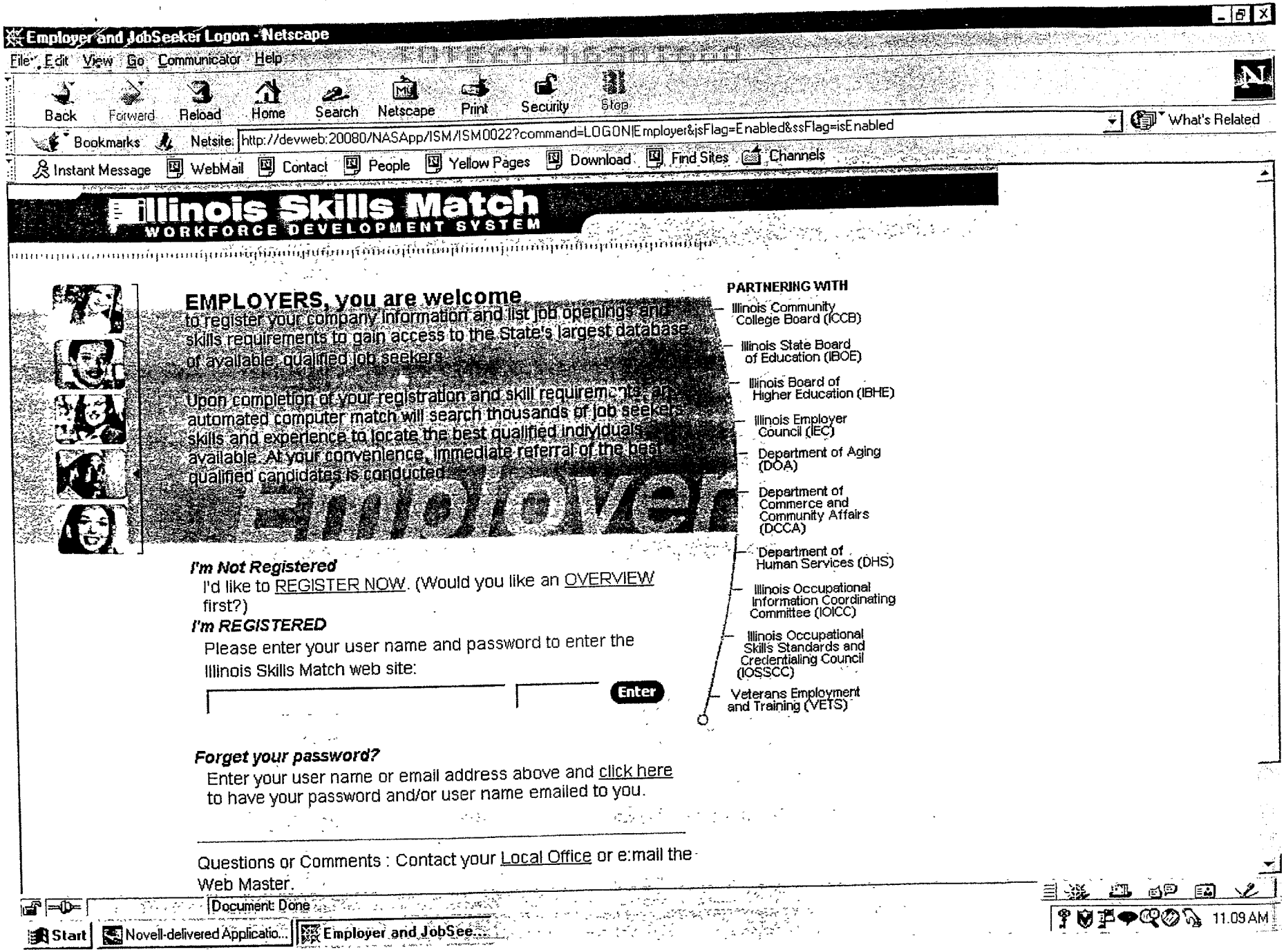
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM0022?command=LOGONIEmployer&jsFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
EMPLOYERS, you are welcome
to register your company information and list job openings and skills requirements to gain access to the State's largest database of available, qualified job seekers.
Upon completion of your registration and skill requirements, an automated computer match will search thousands of job seekers' skills and experience to locate the best qualified individuals available. At your convenience, immediate referral of the best qualified candidates is conducted.
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (IBOE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e:mail the Web Master.
Document: Done
Start
Novell-delivered Applicatio...
Employer and JobSee...
11:09 AM

FIGURE 22

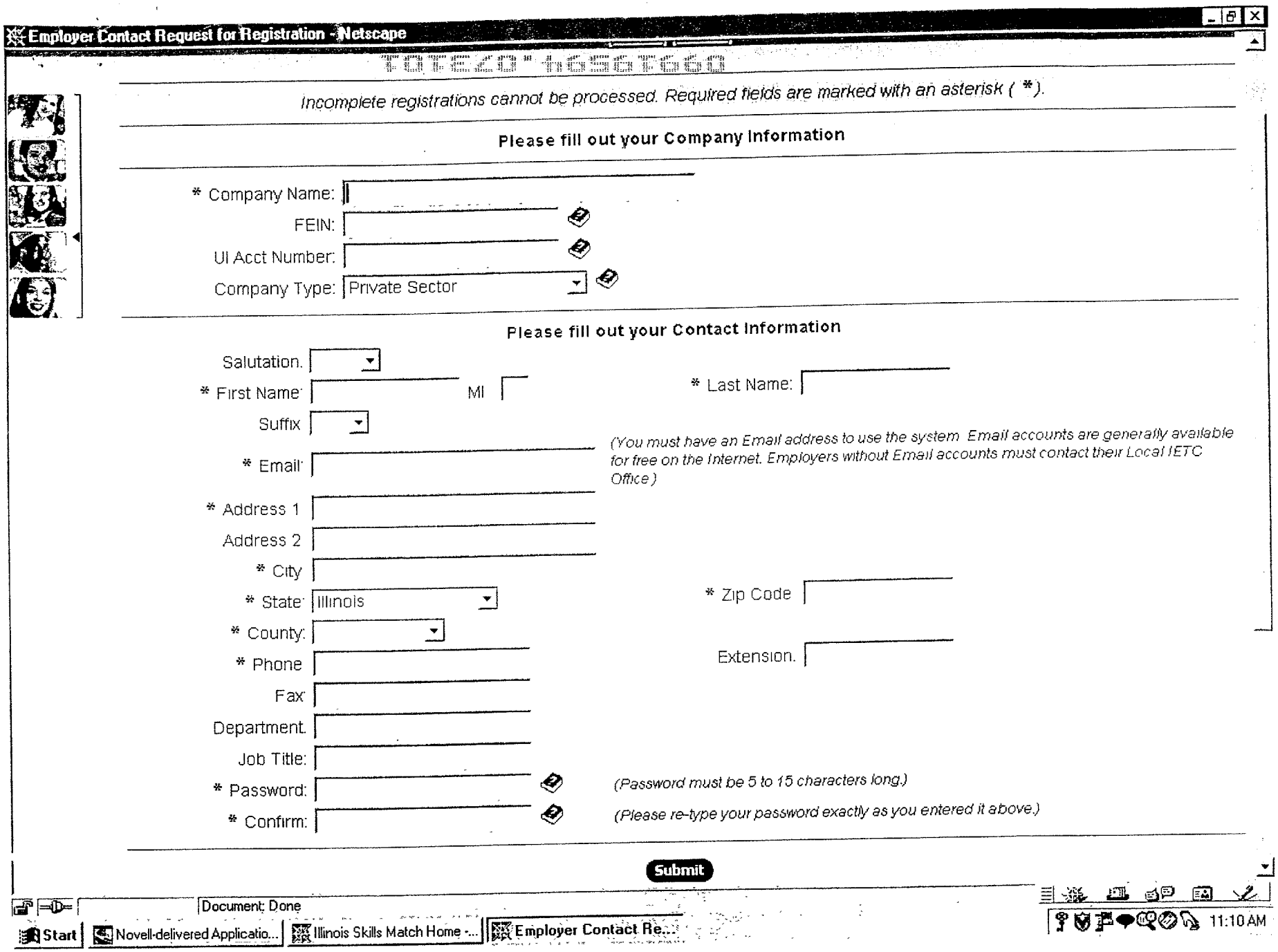
Employer Contact Request for Registration - Netscape
Incomplete registrations cannot be processed. Required fields are marked with an asterisk (*).
Please fill out your Company Information
* Company Name:
FEIN:
UI Acct Number:
Company Type: Private Sector
Please fill out your Contact Information
Salutation:
* First Name:
MI
* Last Name:
Suffix
* Email:
(You must have an Email address to use the system. Email accounts are generally available for free on the Internet. Employers without Email accounts must contact their Local IETC Office.)
* Address 1
Address 2
* City
* State: Illinois
* Zip Code
* County:
* Phone
Extension:
Fax:
Department:
Job Title:
* Password:
(Password must be 5 to 15 characters long.)
* Confirm:
(Please re-type your password exactly as you entered it above.)
Submit
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Employer Contact Re...
11:10 AM

FIGURE 23

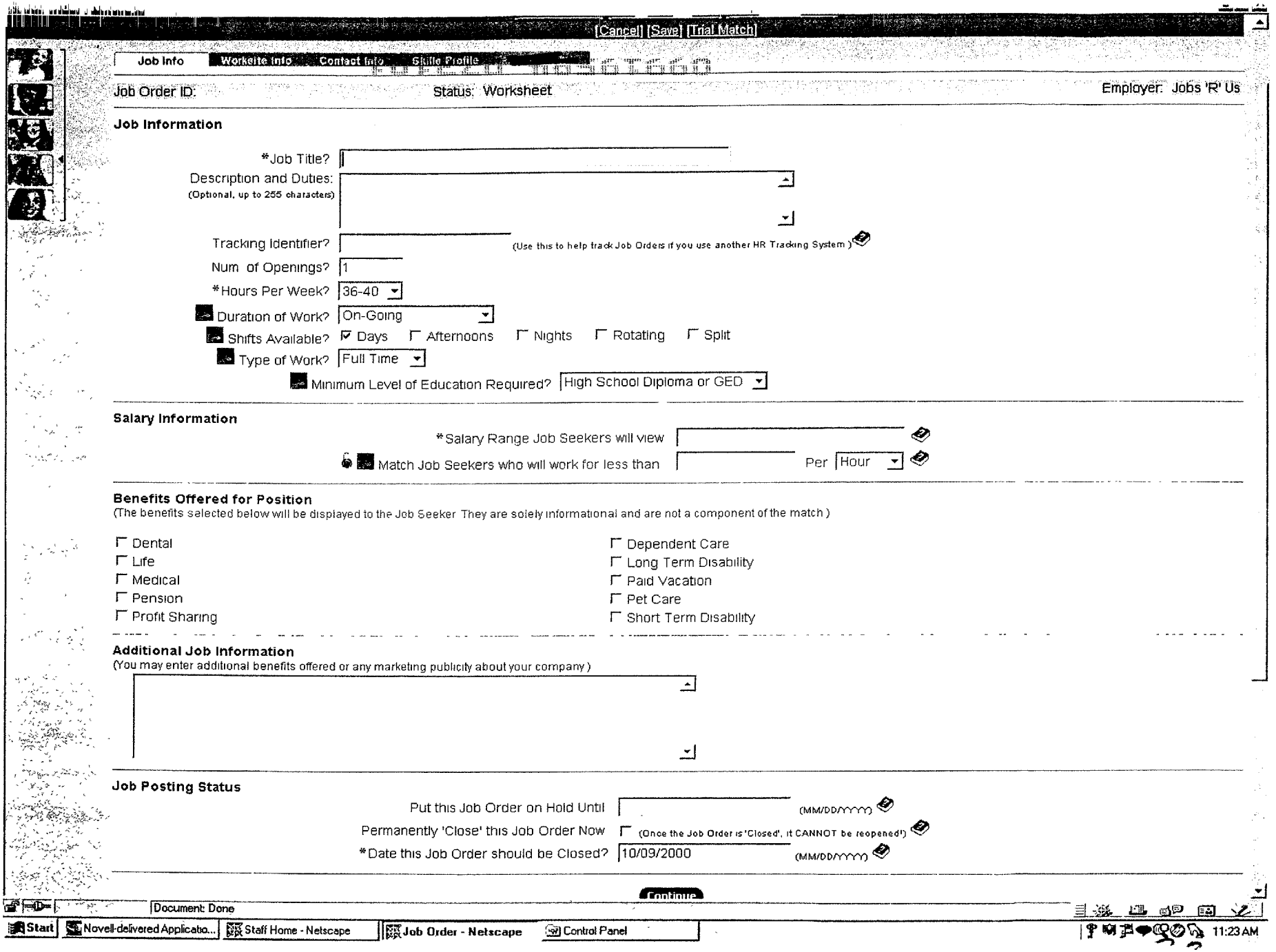
[Cancel] [Save] [Trial Match]
Job Info
Worksite Info
Contact Info
Skills Profile
Job Order ID:
Status: Worksheet
Employer: Jobs 'R' Us
Job Information
*Job Title?
Description and Duties:
(Optional, up to 255 characters)
Tracking Identifier?
(Use this to help track Job Orders if you use another HR Tracking System.)
Num of Openings?
1
*Hours Per Week?
36-40
Duration of Work?
On-Going
Shifts Available?
Days
Afternoons
Nights
Rotating
Split
Type of Work?
Full Time
Minimum Level of Education Required?
High School Diploma or GED
Salary Information
*Salary Range Job Seekers will view
Match Job Seekers who will work for less than
Per
Hour
Benefits Offered for Position
(The benefits selected below will be displayed to the Job Seeker. They are solely informational and are not a component of the match.)
Dental
Life
Medical
Pension
Profit Sharing
Dependent Care
Long Term Disability
Paid Vacation
Pet Care
Short Term Disability
Additional Job Information
(You may enter additional benefits offered or any marketing publicity about your company.)
Job Posting Status
Put this Job Order on Hold Until
(MM/DD/YYYY)
Permanently 'Close' this Job Order Now
(Once the Job Order is 'Closed', it CANNOT be reopened!)
*Date this Job Order should be Closed?
10/09/2000
(MM/DD/YYYY)
Continue
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Job Order - Netscape
Control Panel
11:23 AM

FIGURE 24

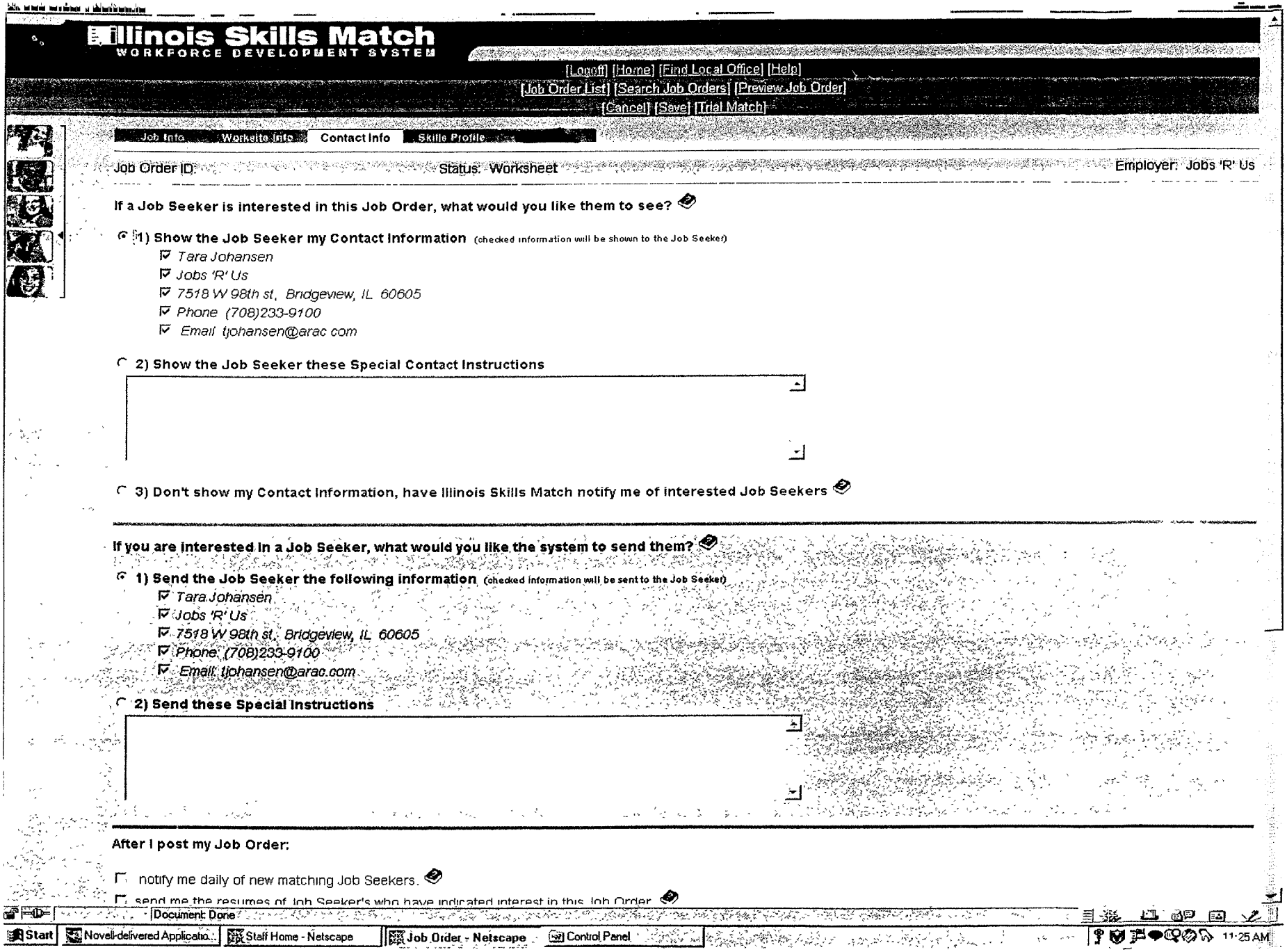
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Job Order List] [Search Job Orders] [Preview Job Order]
[Cancel] [Save] [Trial Match]
Job Info
Worksite Info
Contact Info
Skills Profile
Job Order ID
Status: Worksheet
Employer: Jobs 'R' Us
If a Job Seeker is interested in this Job Order, what would you like them to see?
1) Show the Job Seeker my Contact Information (checked information will be shown to the Job Seeker)
Tara Johansen
Jobs 'R' Us
7518 W 98th st, Bridgeview, IL 60605
Phone (708)233-9100
Email tjohansen@arac.com
2) Show the Job Seeker these Special Contact Instructions
3) Don't show my Contact Information, have Illinois Skills Match notify me of interested Job Seekers
If you are interested in a Job Seeker, what would you like the system to send them?
1) Send the Job Seeker the following information (checked information will be sent to the Job Seeker)
Tara Johansen
Jobs 'R' Us
7518 W 98th st, Bridgeview, IL 60605
Phone (708)233-9100
Email tjohansen@arac.com
2) Send these Special Instructions
After I post my Job Order:
notify me daily of new matching Job Seekers.
send me the resumes of Job Seeker's who have indicated interest in this Job Order
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Job Order - Netscape
Control Panel
11:25 AM

FIGURE 26

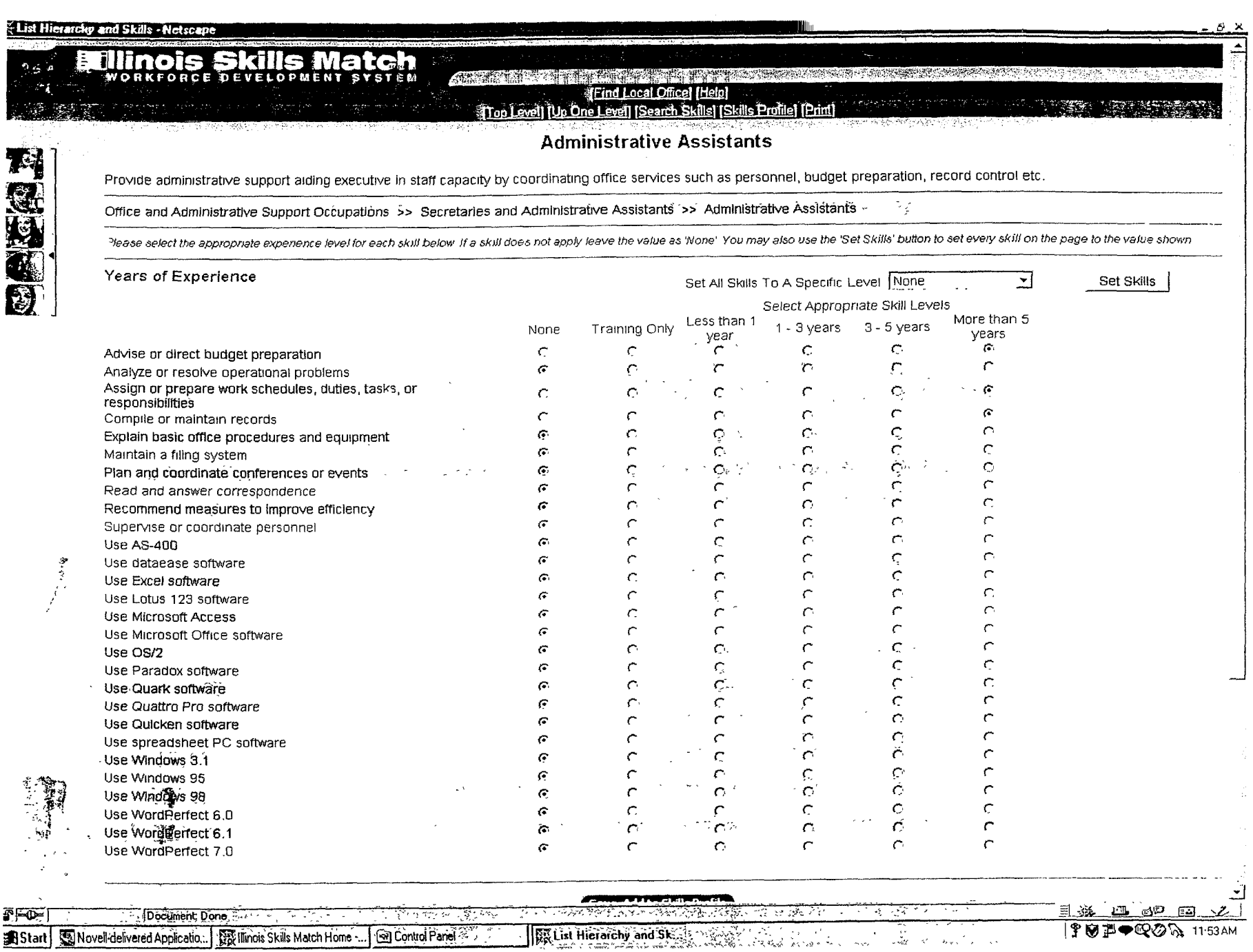
List Hierarchy and Skills - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Find Local Office] [Help]
[Top Level] [Up One Level] [Search Skills] [Skills Profile] [Print]
Administrative Assistants
Provide administrative support aiding executive in staff capacity by coordinating office services such as personnel, budget preparation, record control etc.
Office and Administrative Support Occupations >> Secretaries and Administrative Assistants >> Administrative Assistants
Please select the appropriate experience level for each skill below. If a skill does not apply leave the value as 'None'. You may also use the 'Set Skills' button to set every skill on the page to the value shown
Years of Experience
Set All Skills To A Specific Level None
Set Skills
Select Appropriate Skill Levels
None
Training Only
Less than 1 year
1 - 3 years
3 - 5 years
More than 5 years
Advise or direct budget preparation
Analyze or resolve operational problems
Assign or prepare work schedules, duties, tasks, or responsibilities
Compile or maintain records
Explain basic office procedures and equipment
Maintain a filing system
Plan and coordinate conferences or events
Read and answer correspondence
Recommend measures to improve efficiency
Supervise or coordinate personnel
Use AS-400
Use dataease software
Use Excel software
Use Lotus 123 software
Use Microsoft Access
Use Microsoft Office software
Use OS/2
Use Paradox software
Use Quark software
Use Quattro Pro software
Use Quicken software
Use spreadsheet PC software
Use Windows 3.1
Use Windows 95
Use Windows 98
Use WordPerfect 6.0
Use WordPerfect 6.1
Use WordPerfect 7.0
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
List Hierarchy and Sk...
11:53 AM

FIGURE 27

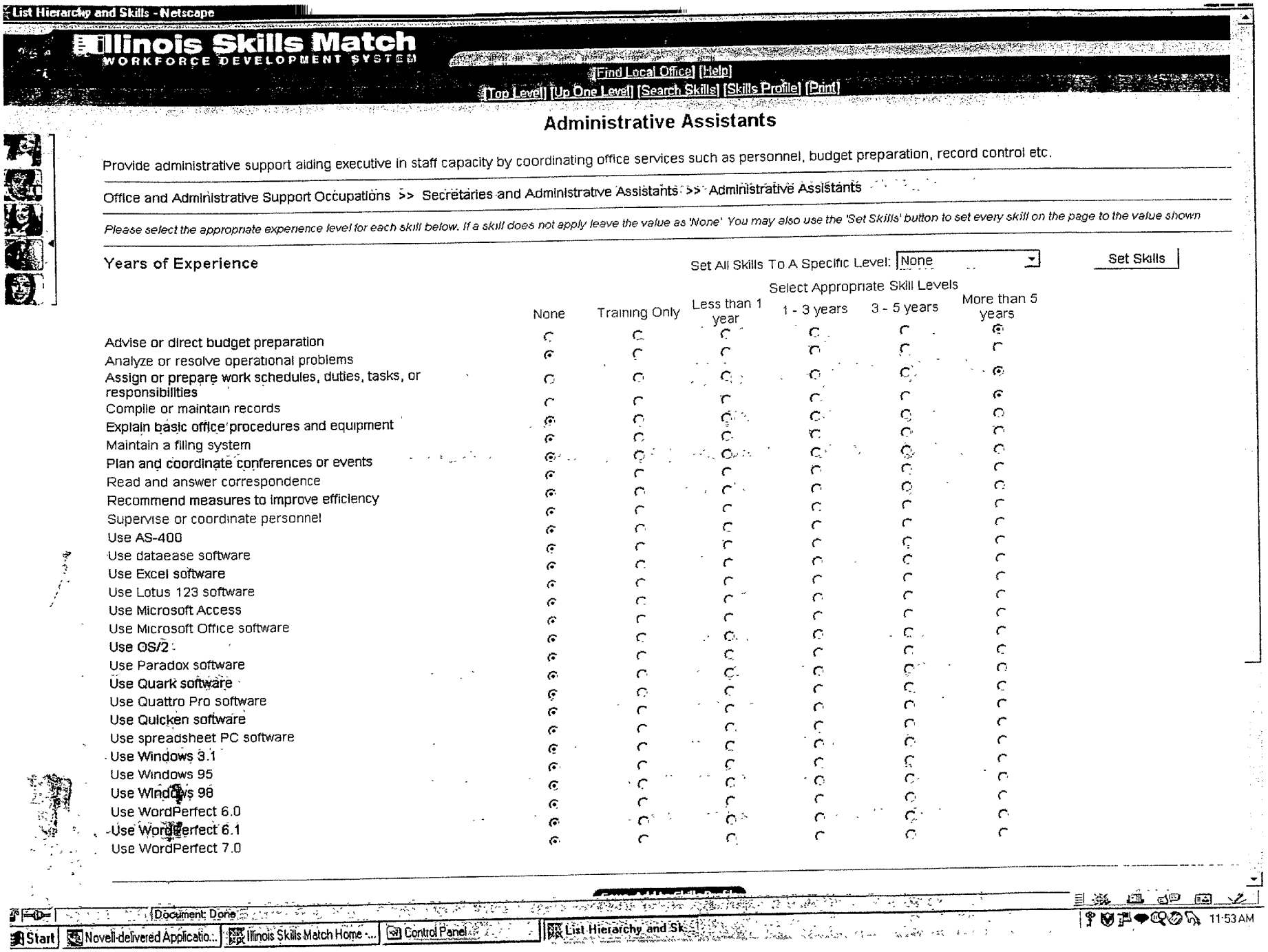
List Hierarchy and Skills - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Find Local Office] [Help]
[Top Level] [Up One Level] [Search Skills] [Skills Profile] [Print]
Administrative Assistants
Provide administrative support aiding executive in staff capacity by coordinating office services such as personnel, budget preparation, record control etc.
Office and Administrative Support Occupations >> Secretaries and Administrative Assistants >> Administrative Assistants
Please select the appropriate experience level for each skill below. If a skill does not apply leave the value as 'None' You may also use the 'Set Skills' button to set every skill on the page to the value shown
Years of Experience
Set All Skills To A Specific Level: None
Set Skills
Select Appropriate Skill Levels
None
Training Only
Less than 1 year
1 - 3 years
3 - 5 years
More than 5 years
Advise or direct budget preparation
Analyze or resolve operational problems
Assign or prepare work schedules, duties, tasks, or responsibilities
Compile or maintain records
Explain basic office procedures and equipment
Maintain a filing system
Plan and coordinate conferences or events
Read and answer correspondence
Recommend measures to improve efficiency
Supervise or coordinate personnel
Use AS-400
Use dataease software
Use Excel software
Use Lotus 123 software
Use Microsoft Access
Use Microsoft Office software
Use OS/2
Use Paradox software
Use Quark software
Use Quattro Pro software
Use Quicken software
Use spreadsheet PC software
Use Windows 3.1
Use Windows 95
Use Windows 98
Use WordPerfect 6.0
Use WordPerfect 6.1
Use WordPerfect 7.0
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
List Hierarchy and Sk
11:53 AM

FIGURE 28

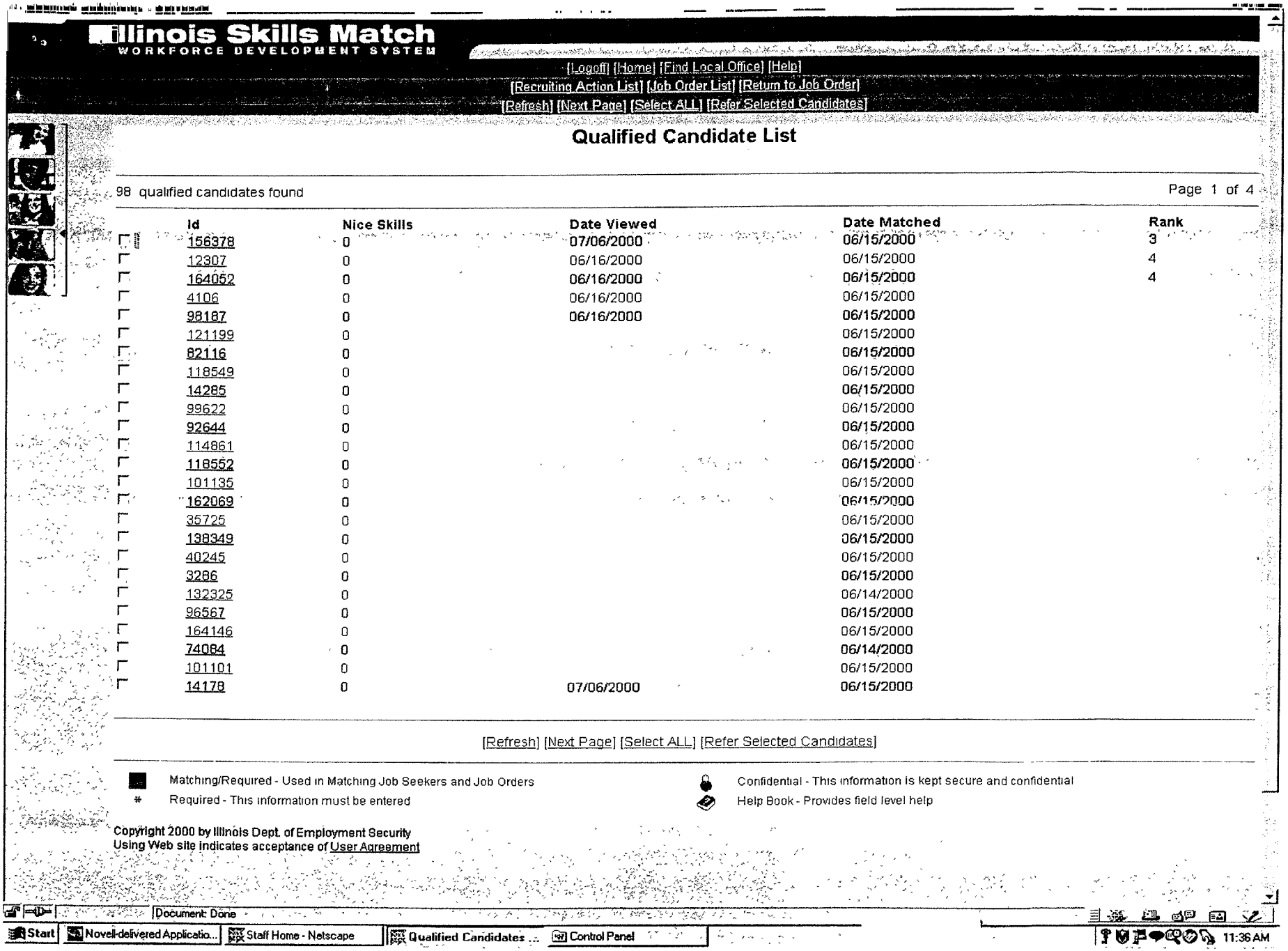
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Recruiting Action List] [Job Order List] [Return to Job Order]
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Qualified Candidate List
98 qualified candidates found
Page 1 of 4
Id | Nice Skills | Date Viewed | Date Matched | Rank
156378 | 0 | 07/06/2000 | 06/15/2000 | 3
12307 | 0 | 06/16/2000 | 06/15/2000 | 4
164052 | 0 | 06/16/2000 | 06/15/2000 | 4
4106 | 0 | 06/16/2000 | 06/15/2000
98187 | 0 | 06/16/2000 | 06/15/2000
121199 | 0 | | 06/15/2000
82116 | 0 | | 06/15/2000
118549 | 0 | | 06/15/2000
14285 | 0 | | 06/15/2000
99622 | 0 | | 06/15/2000
92644 | 0 | | 06/15/2000
114861 | 0 | | 06/15/2000
118552 | 0 | | 06/15/2000
101135 | 0 | | 06/15/2000
162069 | 0 | | 06/15/2000
35725 | 0 | | 06/15/2000
138349 | 0 | | 06/15/2000
40245 | 0 | | 06/15/2000
3286 | 0 | | 06/15/2000
132325 | 0 | | 06/14/2000
96567 | 0 | | 06/15/2000
164146 | 0 | | 06/15/2000
74084 | 0 | | 06/14/2000
101101 | 0 | | 06/15/2000
14178 | 0 | 07/06/2000 | 06/15/2000
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Qualified Candidates ...
Control Panel
11:36 AM

FIGURE 29

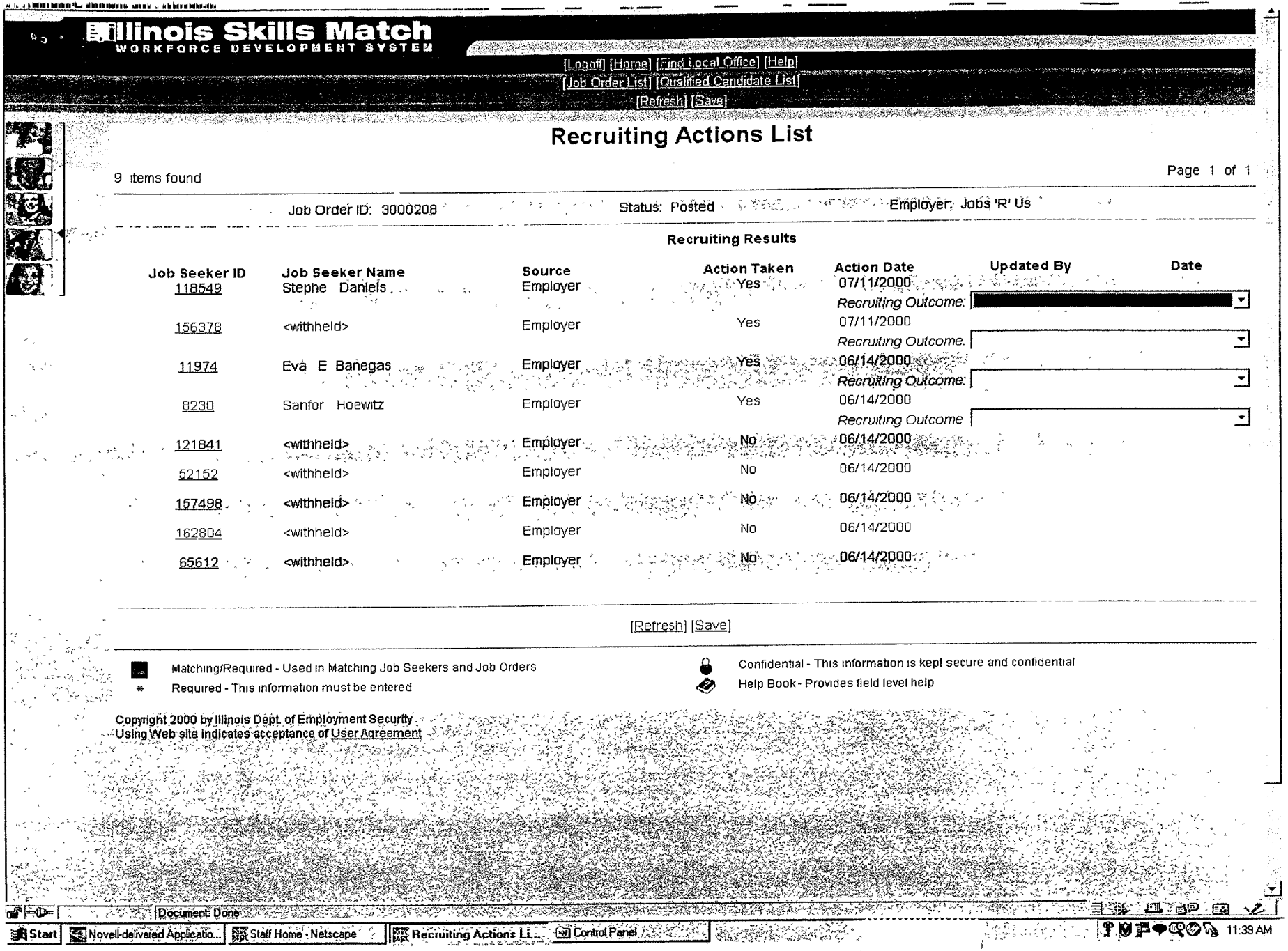
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Job Order List] [Qualified Candidate List]
[Refresh] [Save]
Recruiting Actions List
9 items found
Page 1 of 1
Job Order ID: 3000208
Status: Posted
Employer: Jobs 'R' Us
Recruiting Results
Job Seeker ID
Job Seeker Name
Source
Action Taken
Action Date
Updated By
Date
118549 Stephe Daniels Employer Yes 07/11/2000
Recruiting Outcome:
156378 <withheld> Employer Yes 07/11/2000
Recruiting Outcome:
11974 Eva E Banegas Employer Yes 06/14/2000
Recruiting Outcome:
8230 Sanfor Hoewitz Employer Yes 06/14/2000
Recruiting Outcome
121841 <withheld> Employer No 06/14/2000
52152 <withheld> Employer No 06/14/2000
157498 <withheld> Employer No 06/14/2000
162804 <withheld> Employer No 06/14/2000
65612 <withheld> Employer No 06/14/2000
[Refresh] [Save]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Recruiting Actions Li...
Control Panel
11:39 AM

FIGURE 30

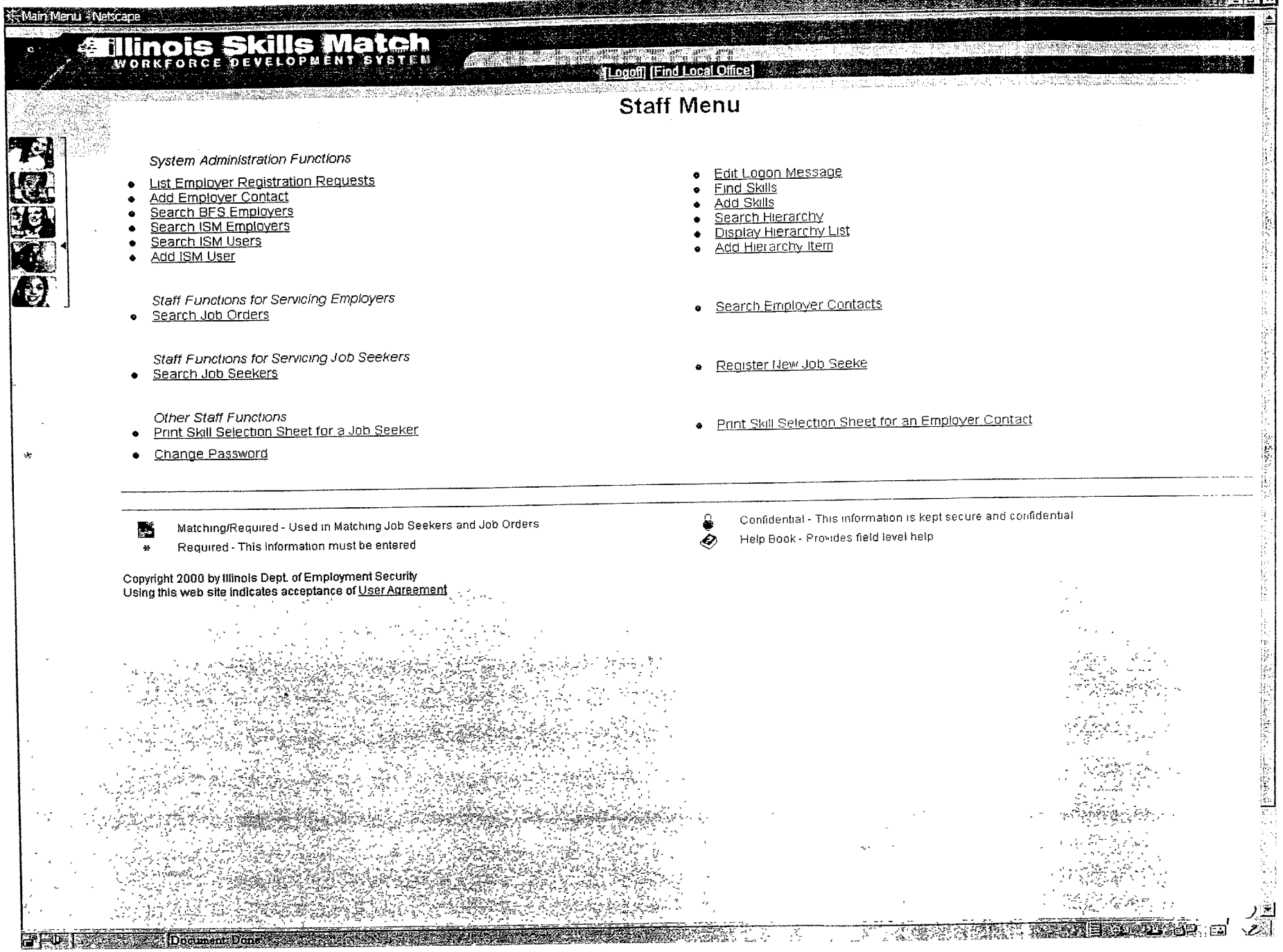
Main Menu - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office]
Staff Menu
System Administration Functions
List Employer Registration Requests
Add Employer Contact
Search BFS Employers
Search ISM Employers
Search ISM Users
Add ISM User
Edit Logon Message
Find Skills
Add Skills
Search Hierarchy
Display Hierarchy List
Add Hierarchy Item
Staff Functions for Servicing Employers
Search Job Orders
Search Employer Contacts
Staff Functions for Servicing Job Seekers
Search Job Seekers
Register New Job Seeke
Other Staff Functions
Print Skill Selection Sheet for a Job Seeker
Print Skill Selection Sheet for an Employer Contact
Change Password
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document: Done

FIGURE 31

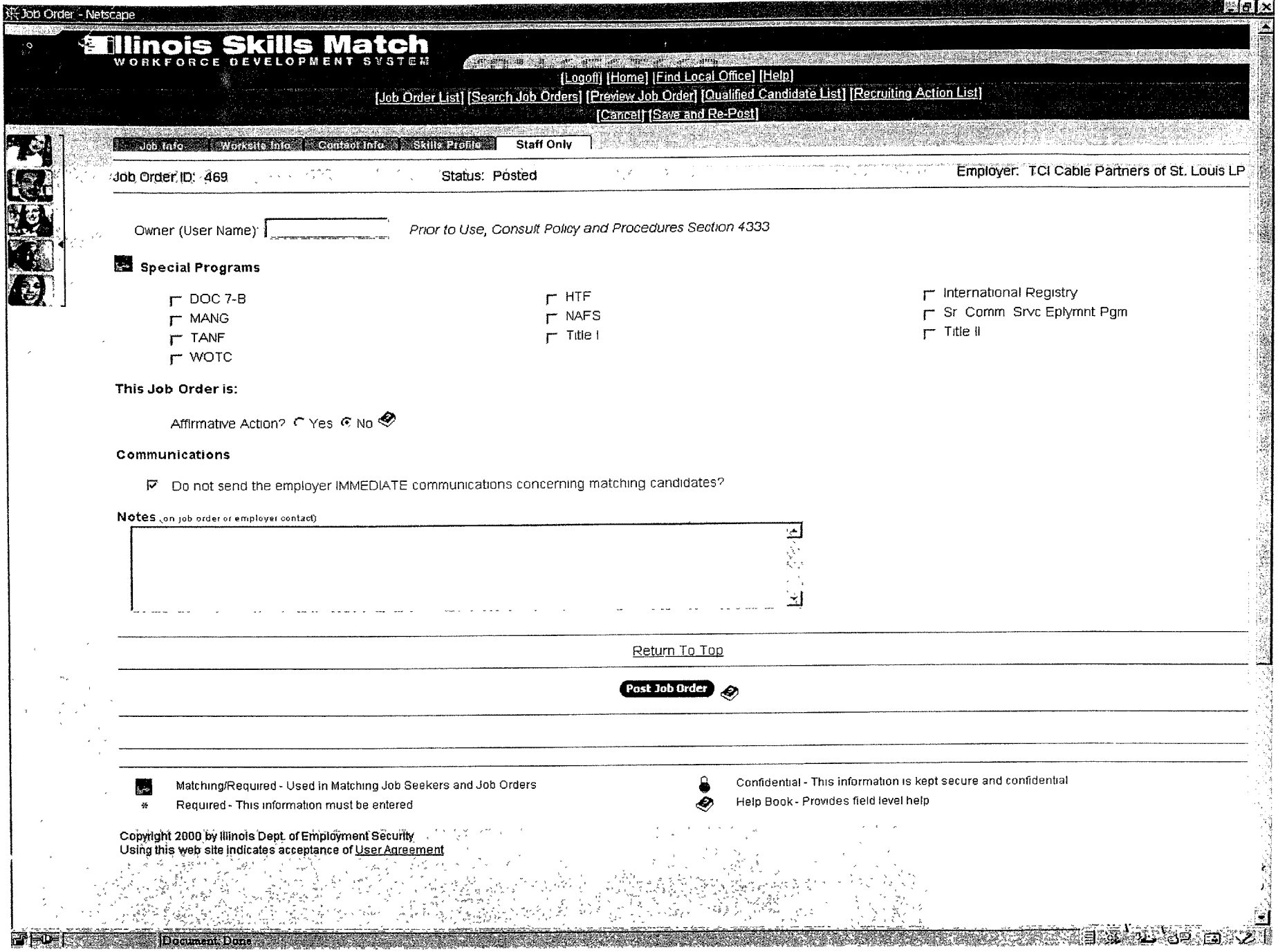
Job Order - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Job Order List] [Search Job Orders] [Preview Job Order] [Qualified Candidate List] [Recruiting Action List]
[Cancel] [Save and Re-Post]
Job Info
Worksite Info
Contact Info
Skills Profile
Staff Only
Job Order ID: 469
Status: Posted
Employer: TCI Cable Partners of St. Louis LP
Owner (User Name)
Prior to Use, Consult Policy and Procedures Section 4333
Special Programs
DOC 7-B
MANG
TANF
WOTC
HTF
NAFS
Title I
International Registry
Sr Comm Srvc Eplymnt Pgm
Title II
This Job Order is:
Affirmative Action? Yes No
Communications
Do not send the employer IMMEDIATE communications concerning matching candidates?
Notes (on job order or employer contact)
Return To Top
Post Job Order
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document: Done

FIGURE 32

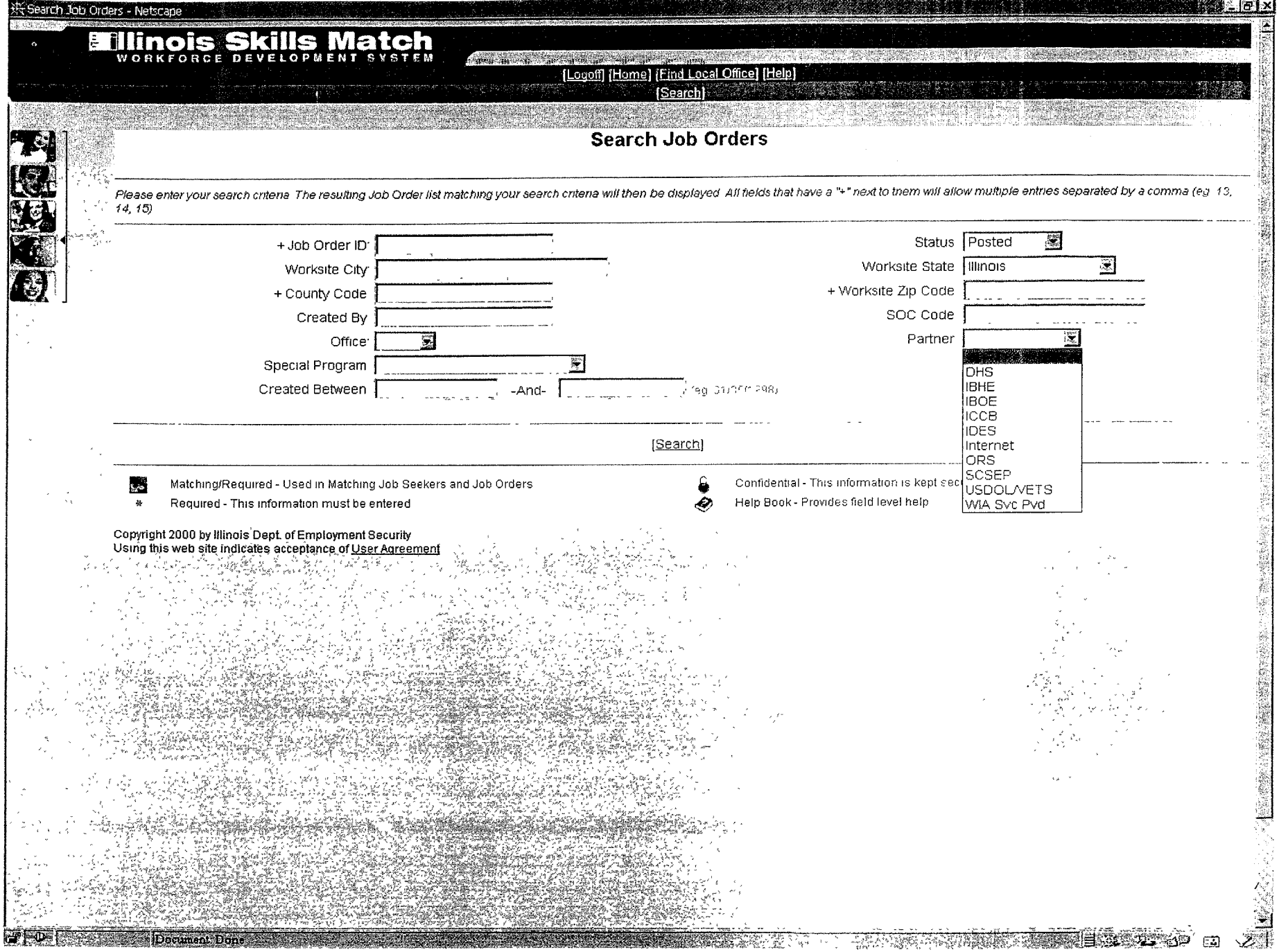
Search Job Orders - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Search]
Search Job Orders
Please enter your search criteria The resulting Job Order list matching your search criteria will then be displayed All fields that have a "+" next to them will allow multiple entries separated by a comma (eg 13, 14, 15)
+ Job Order ID
Worksite City
+ County Code
Created By
Office
Special Program
Created Between
-And-
Status
Posted
Worksite State
Illinois
+ Worksite Zip Code
SOC Code
Partner
DHS
IBHE
IBOE
ICCB
IDES
Internet
ORS
SCSEP
USDOL/VETS
WIA Svc Pvd
[Search]
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept sec
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document: Done

FIGURE 33

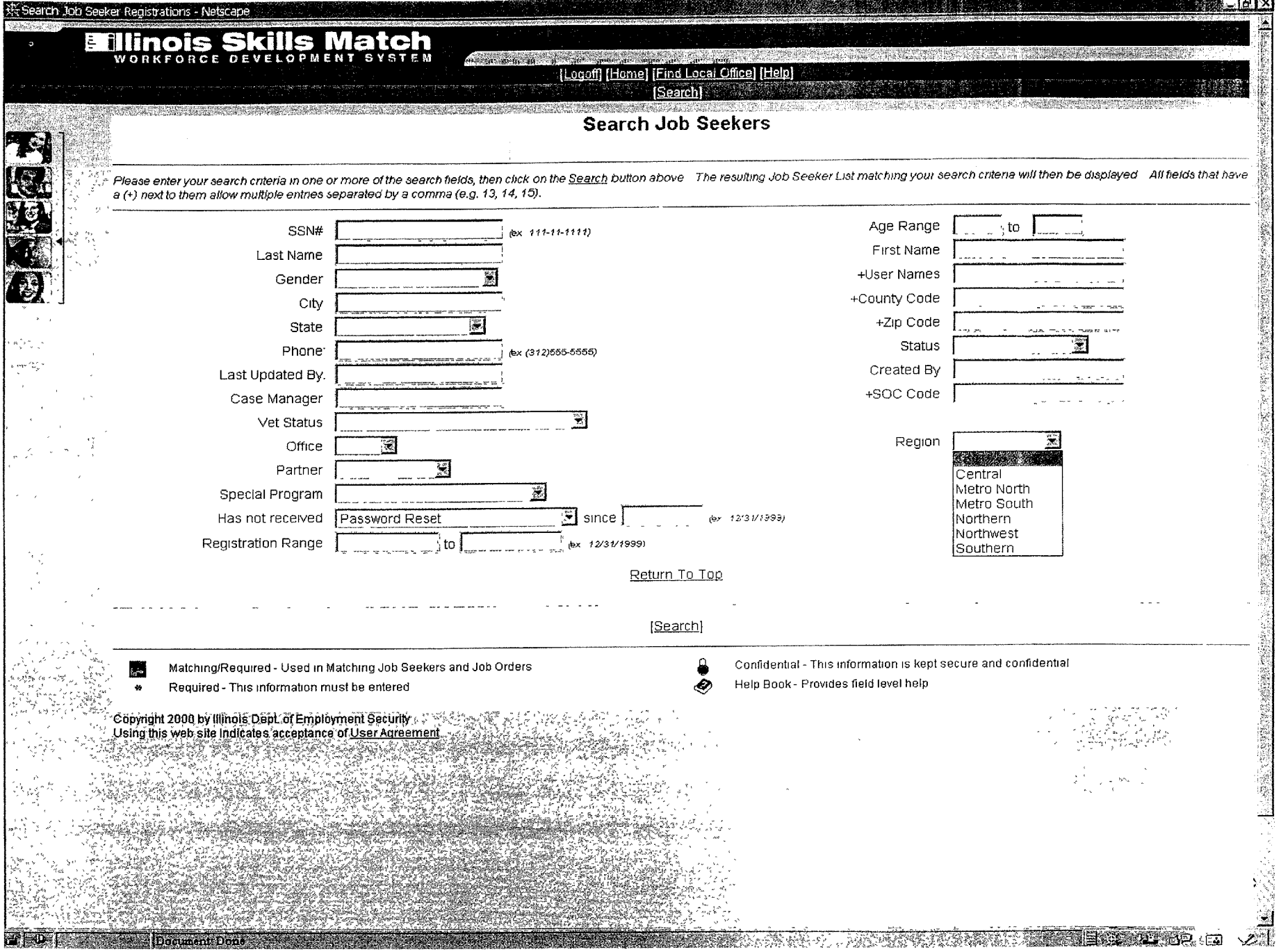
Search Job Seeker Registrations - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Search]
Search Job Seekers
Please enter your search criteria in one or more of the search fields, then click on the Search button above The resulting Job Seeker List matching your search criteria will then be displayed All fields that have a (+) next to them allow multiple entries separated by a comma (e.g. 13, 14, 15).
SSN# (ex 111-11-1111)
Last Name
Gender
City
State
Phone (ex (312)555-5555)
Last Updated By
Case Manager
Vet Status
Office
Partner
Special Program
Has not received Password Reset since (ex 12/31/1999)
Registration Range to (ex 12/31/1999)
Age Range to
First Name
+User Names
+County Code
+Zip Code
Status
Created By
+SOC Code
Region
Central
Metro North
Metro South
Northern
Northwest
Southern
Return To Top
[Search]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document Done

FIGURE 34

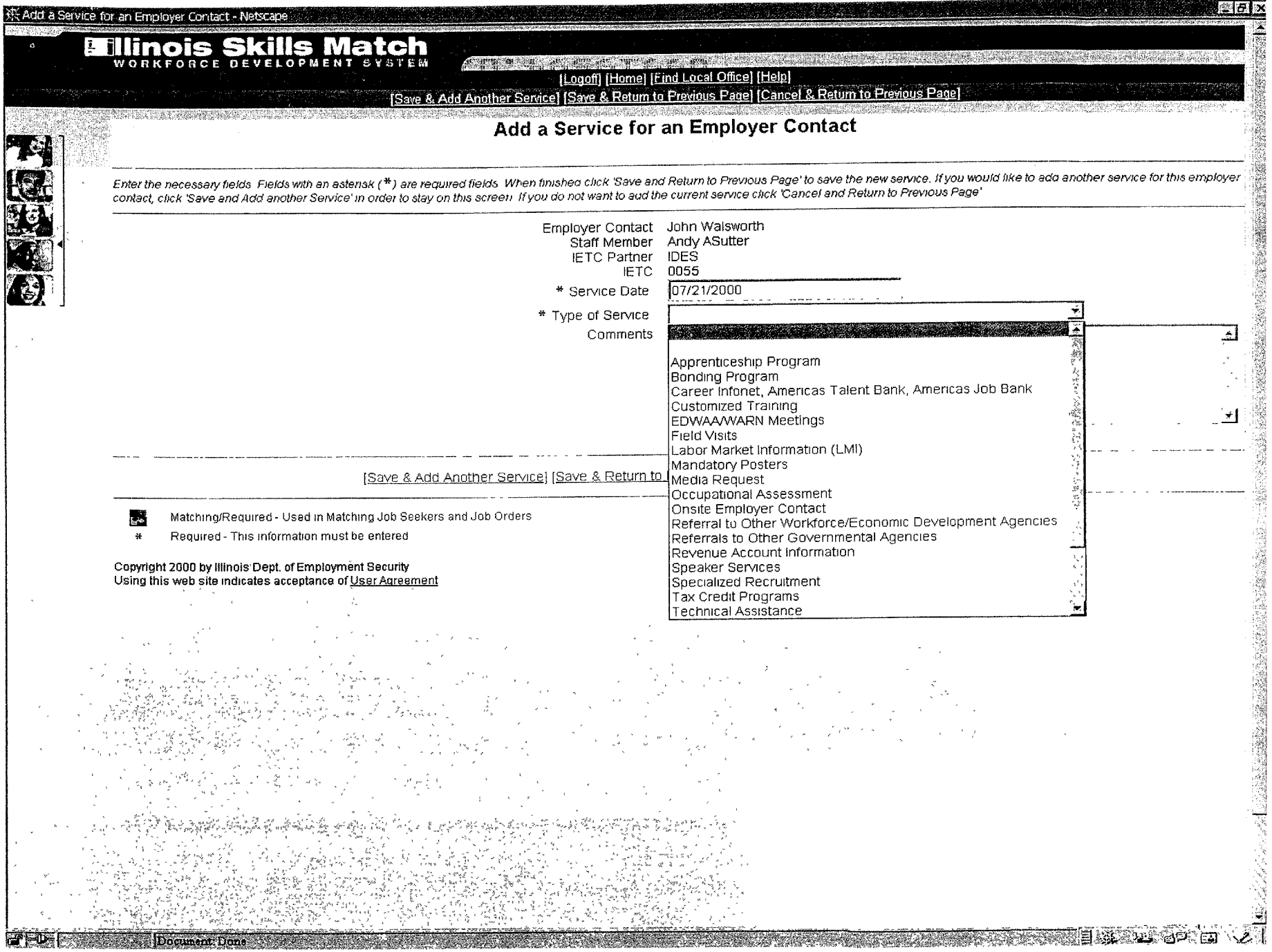
Add a Service for an Employer Contact - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Save & Add Another Service] [Save & Return to Previous Page] [Cancel & Return to Previous Page]
Add a Service for an Employer Contact
Enter the necessary fields. Fields with an asterisk (*) are required fields. When finished click 'Save and Return to Previous Page' to save the new service. If you would like to add another service for this employer contact, click 'Save and Add another Service' in order to stay on this screen. If you do not want to add the current service click 'Cancel and Return to Previous Page'
Employer Contact John Walsworth
Staff Member Andy ASutter
IETC Partner IDES
IETC 0055
* Service Date 07/21/2000
* Type of Service
Comments
Apprenticeship Program
Bonding Program
Career Infonet, Americas Talent Bank, Americas Job Bank
Customized Training
EDWAA/WARN Meetings
Field Visits
Labor Market Information (LMI)
Mandatory Posters
Media Request
Occupational Assessment
Onsite Employer Contact
Referral to Other Workforce/Economic Development Agencies
Referrals to Other Governmental Agencies
Revenue Account Information
Speaker Services
Specialized Recruitment
Tax Credit Programs
Technical Assistance
[Save & Add Another Service] [Save & Return to
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document: Done

FIGURE 35

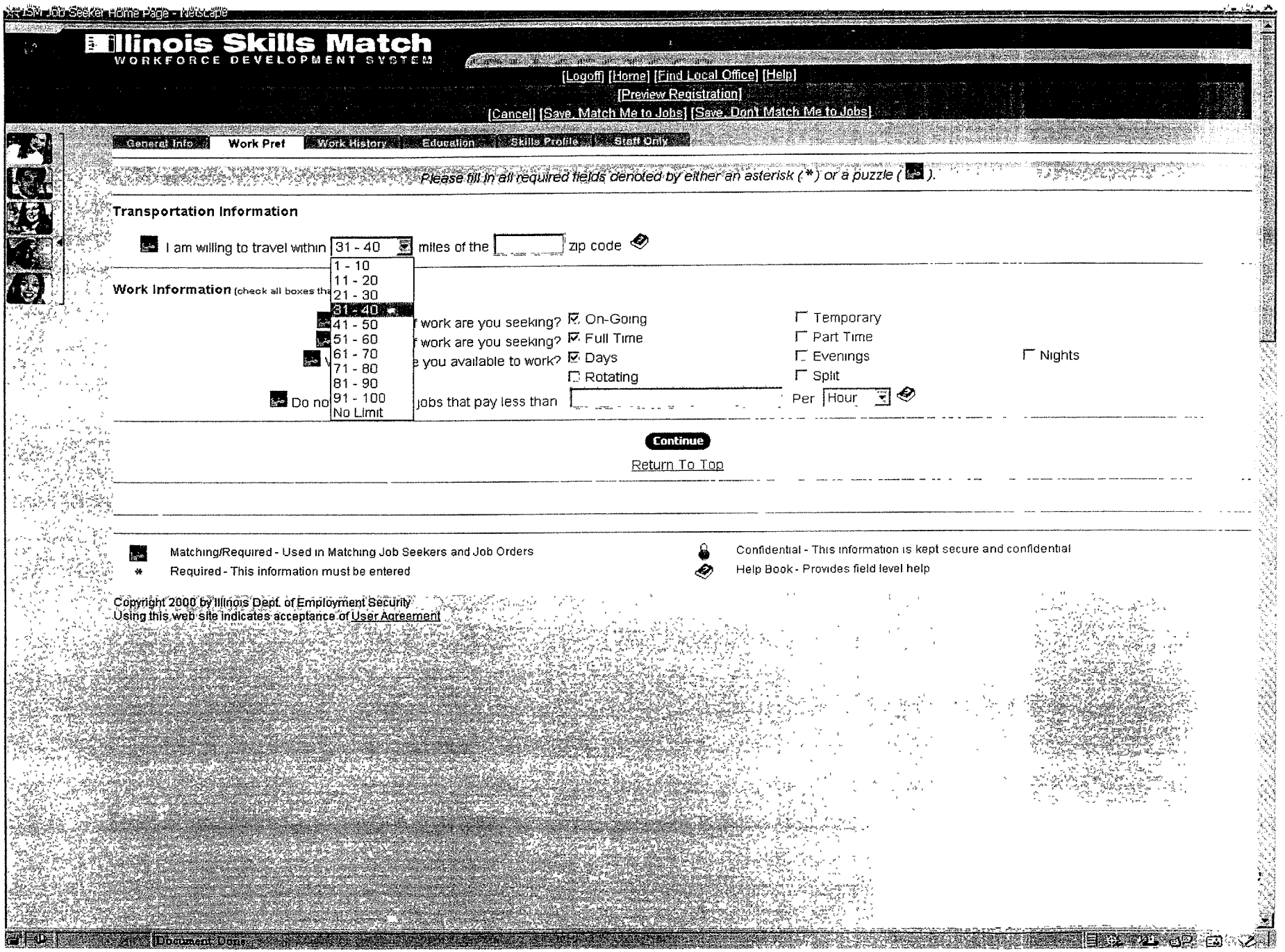
ISM Job Seeker Home Page - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Staff Only
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Transportation Information
I am willing to travel within 31 - 40 miles of the zip code
1 - 10
11 - 20
21 - 30
31 - 40
41 - 50
51 - 60
61 - 70
71 - 80
81 - 90
91 - 100
No Limit
Work Information (check all boxes tha
work are you seeking? On-Going
work are you seeking? Full Time
you available to work? Days
Rotating
Temporary
Part Time
Evenings
Nights
Split
Do no jobs that pay less than
Per Hour
Continue
Return To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document Done

FIGURE 36

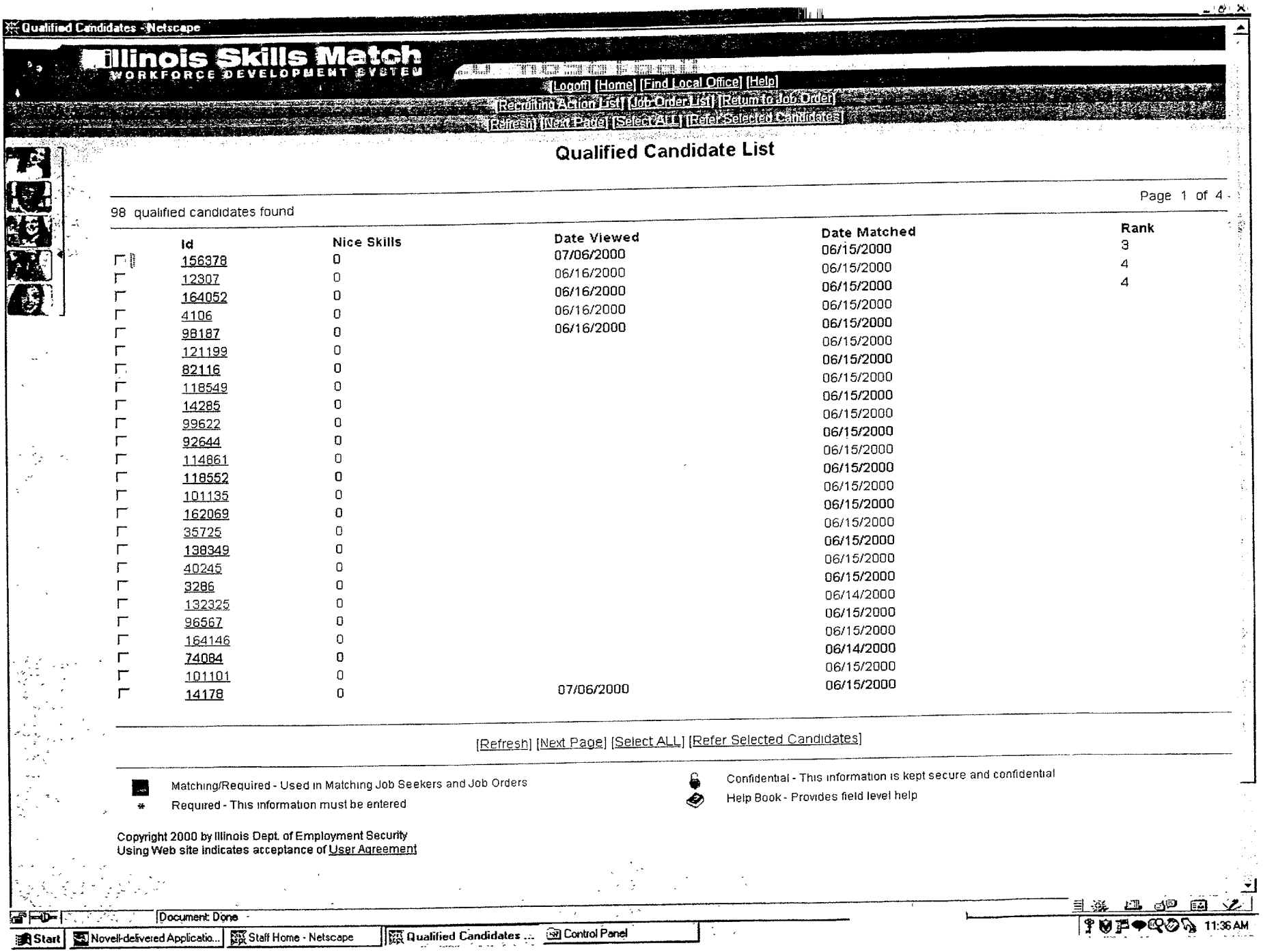
Qualified Candidates - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Recruiting Action List] [Job Order List] [Return to Job Order]
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Qualified Candidate List
Page 1 of 4
98 qualified candidates found
Id
Nice Skills
Date Viewed
Date Matched
Rank
156378 0 07/06/2000 06/15/2000 3
12307 0 06/16/2000 06/15/2000 4
164052 0 06/16/2000 06/15/2000 4
4106 0 06/16/2000 06/15/2000
98187 0 06/16/2000 06/15/2000
121199 0 06/15/2000
82116 0 06/15/2000
118549 0 06/15/2000
14285 0 06/15/2000
99622 0 06/15/2000
92644 0 06/15/2000
114861 0 06/15/2000
118552 0 06/15/2000
101135 0 06/15/2000
162069 0 06/15/2000
35725 0 06/15/2000
138349 0 06/15/2000
40245 0 06/15/2000
3286 0 06/14/2000
132325 0 06/15/2000
96567 0 06/15/2000
164146 0 06/14/2000
74084 0 06/15/2000
101101 0 06/15/2000
14178 0 07/06/2000 06/15/2000
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Qualified Candidates ...
Control Panel
11:36 AM

FIGURE 37

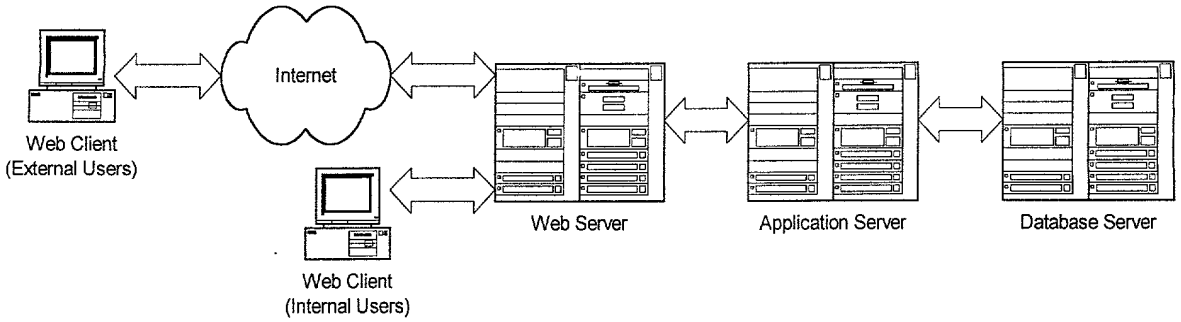
Internet
Web Client
(External Users)
Web Client
(Internal Users)
Web Server
Application Server
Database Server

Figure 38

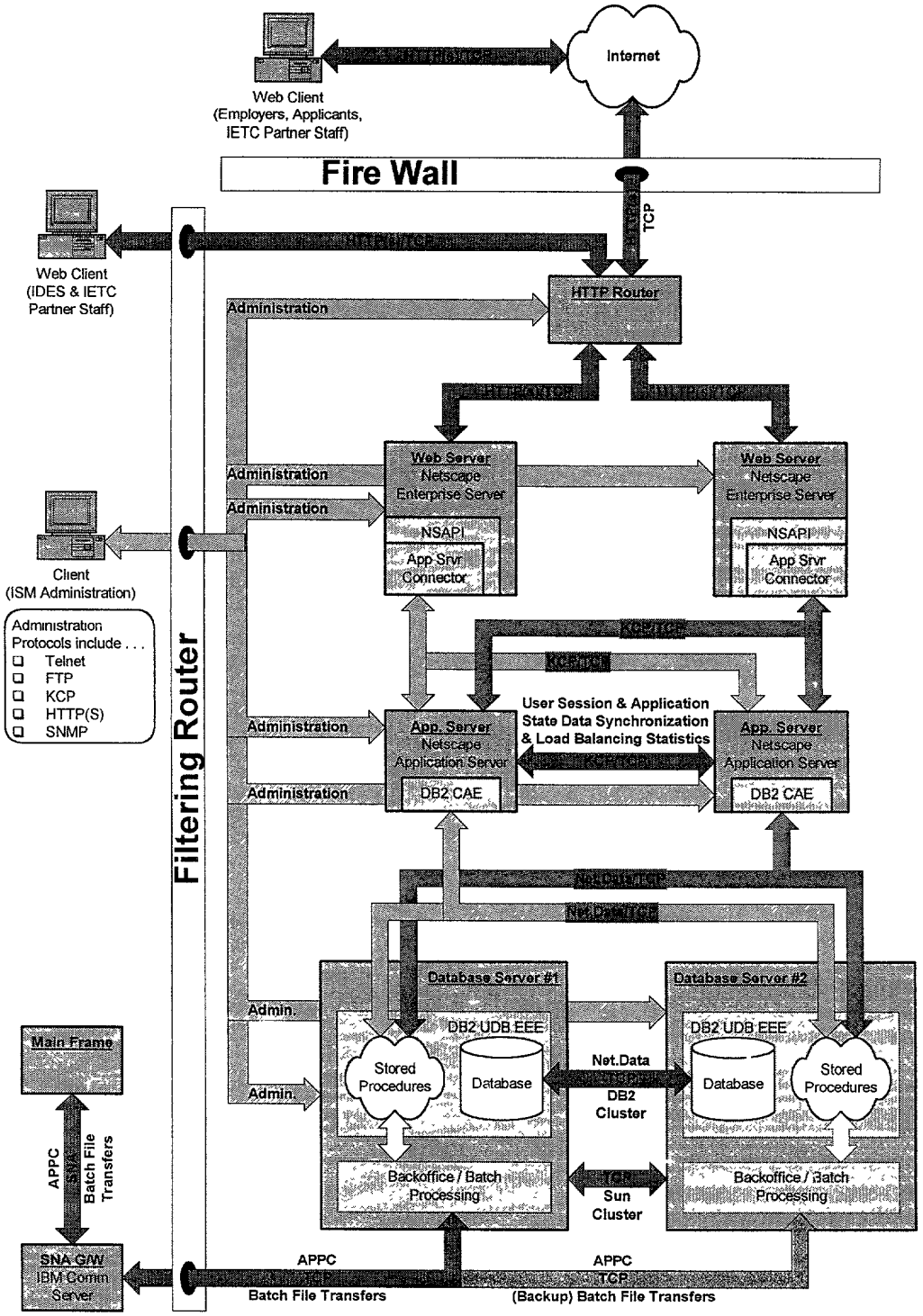
Internet
Web Client
(Employers, Applicants,
IETC Partner Staff)
Fire Wall
TCP
Web Client
(IDES & IETC
Partner Staff)
HTTP Router
Administration
Web Server
Netscape
Enterprise Server
NSAPI
App Srvr
Connector
Client
(ISM Administration)
Administration
Protocols include . . .
Telnet
FTP
KCP
HTTP(S)
SNMP
Filtering Router
KCP/TCP
User Session & Application
State Data Synchronization
& Load Balancing Statistics
App. Server
Netscape
Application Server
DB2 CAE
Database Server #1
Database Server #2
DB2 UDB EEE
Stored
Procedures
Database
Net.Data
DB2
Cluster
Backoffice / Batch
Processing
Sun
Cluster
Main Frame
APPC
SNA
Batch File
Transfers
SNA G/W
IBM Comm
Server
Admin.
APPC
Batch File Transfers
TCP
(Backup) Batch File Transfers

Figure 39

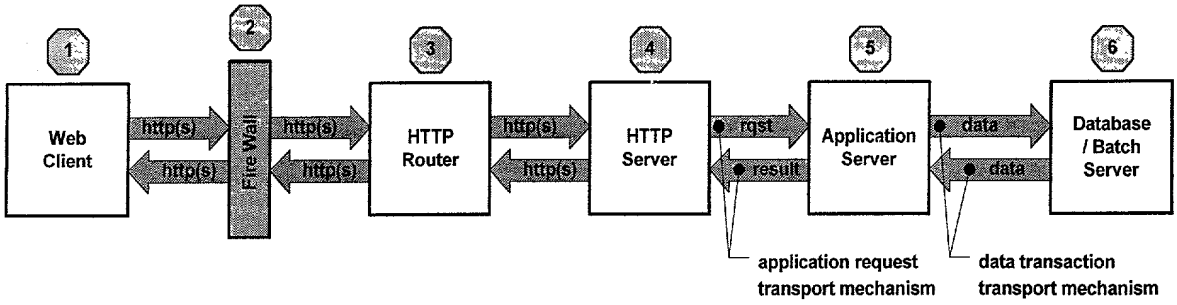

Figure 40

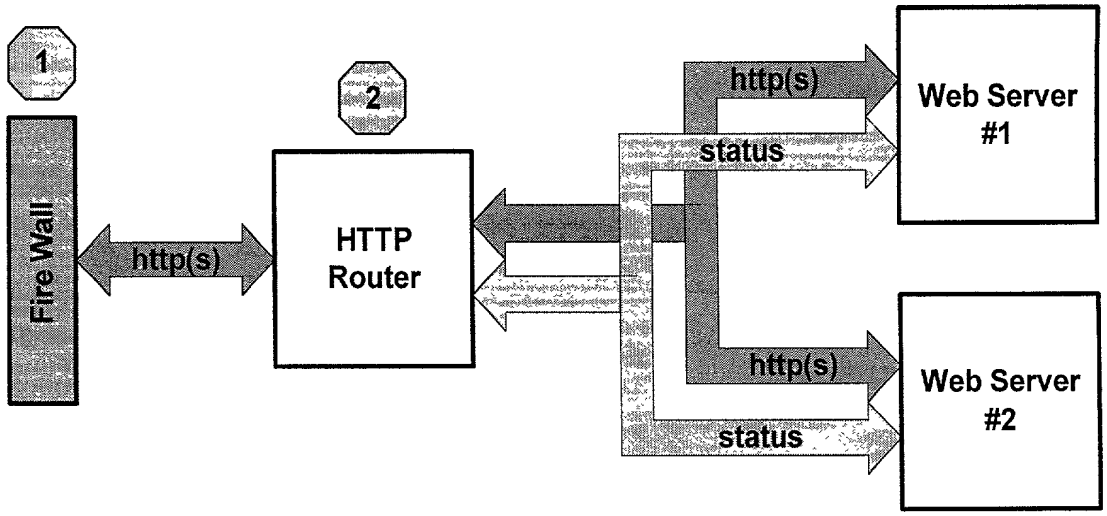

Figure 41

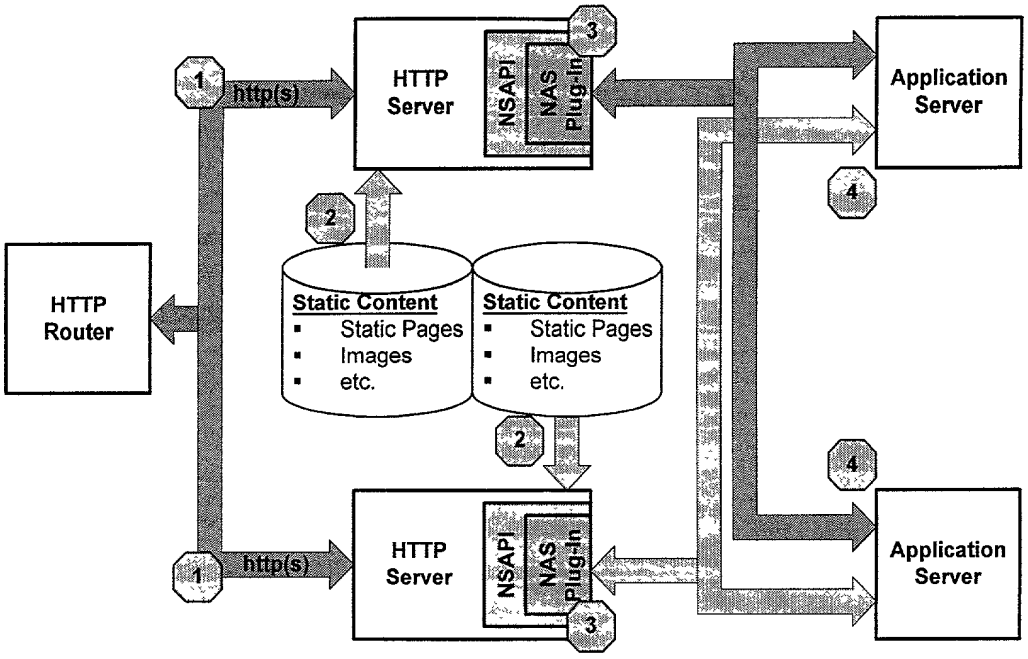

Figure 42

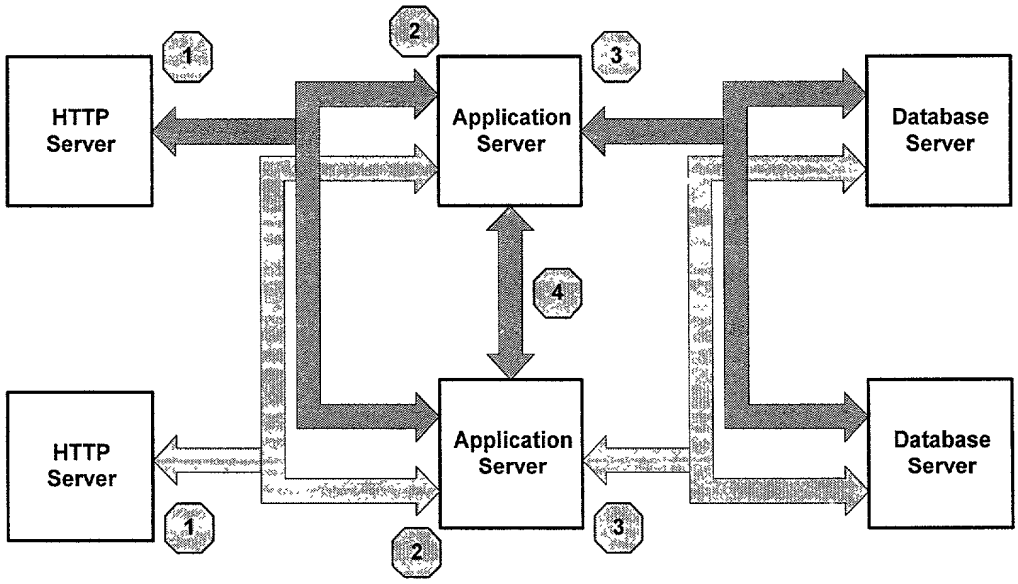

Figure 43

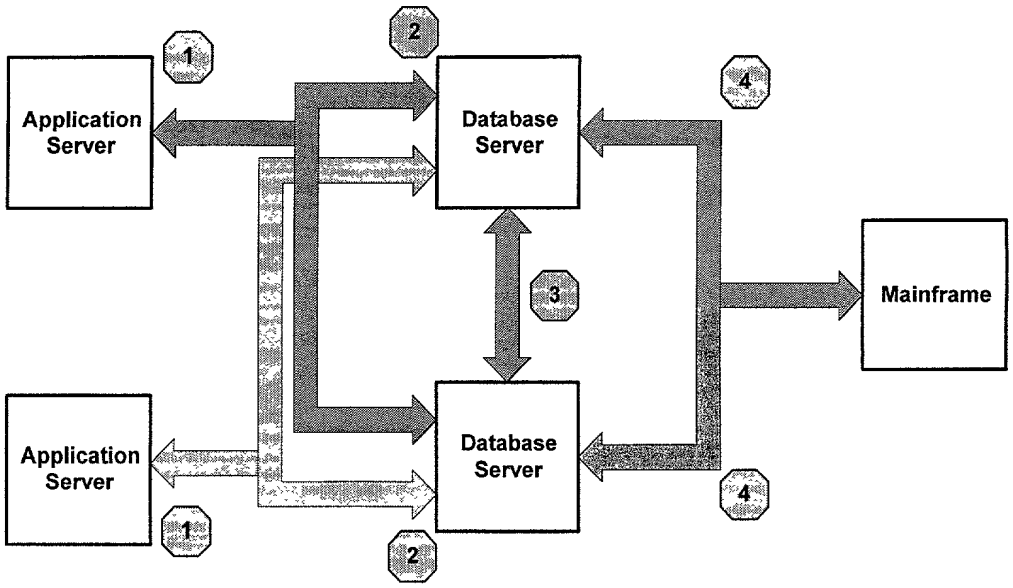

Figure 44

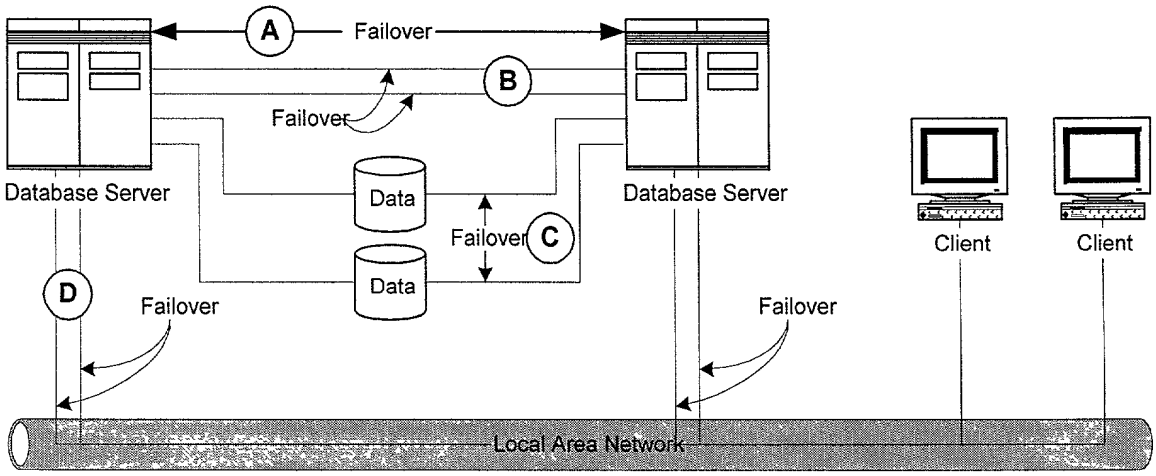

Figure 45

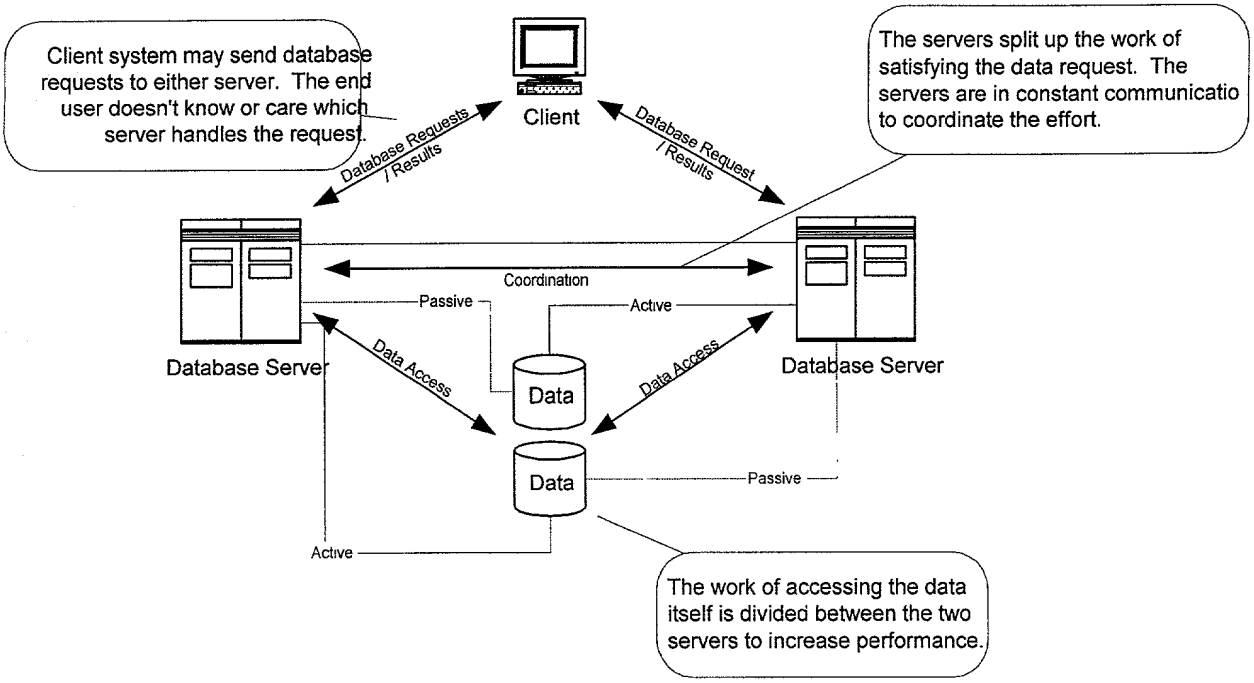
Client system may send database requests to either server. The end user doesn't know or care which server handles the request.
Client
Database Requests / Results
Database Request / Results
The servers split up the work of satisfying the data request. The servers are in constant communicatio to coordinate the effort.
Coordination
Passive
Active
Database Server
Data Access
Data
Data Access
Database Server
Data
Passive
Active
The work of accessing the data itself is divided between the two servers to increase performance.

Figure 46

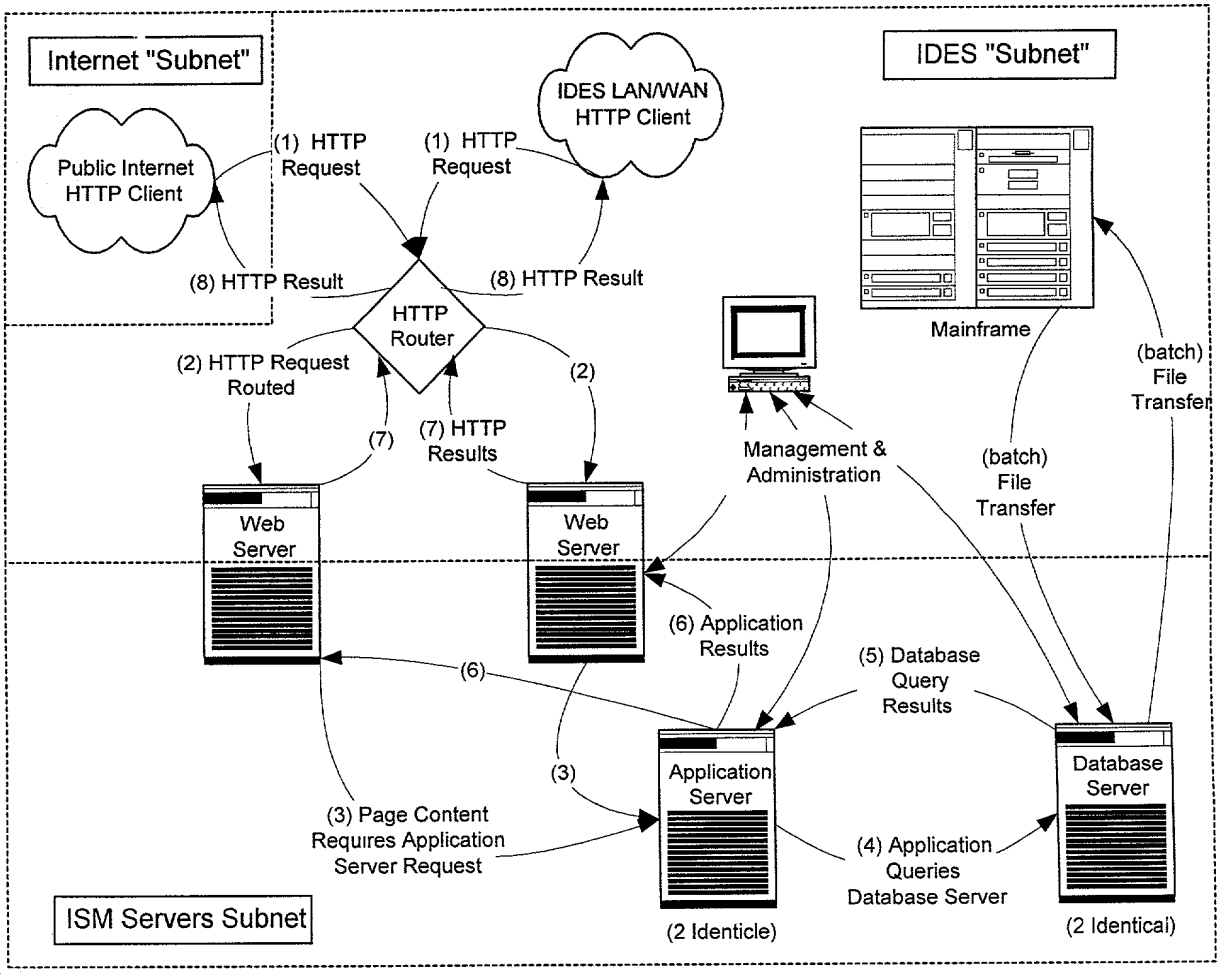
Internet "Subnet"
IDES "Subnet"
IDES LAN/WAN
HTTP Client
Public Internet
HTTP Client
(1) HTTP
Request
(1) HTTP
Request
(8) HTTP Result
(8) HTTP Result
HTTP
Router
Mainframe
(2) HTTP Request
Routed
(2)
(batch)
File
Transfer
(7)
(7) HTTP
Results
Management &
Administration
(batch)
File
Transfer
Web
Server
Web
Server
(6) Application
Results
(6)
(5) Database
Query
Results
(3)
Application
Server
Database
Server
(3) Page Content
Requires Application
Server Request
(4) Application
Queries
Database Server
ISM Servers Subnet
(2 Identicle)
(2 Identical)

Figure 47

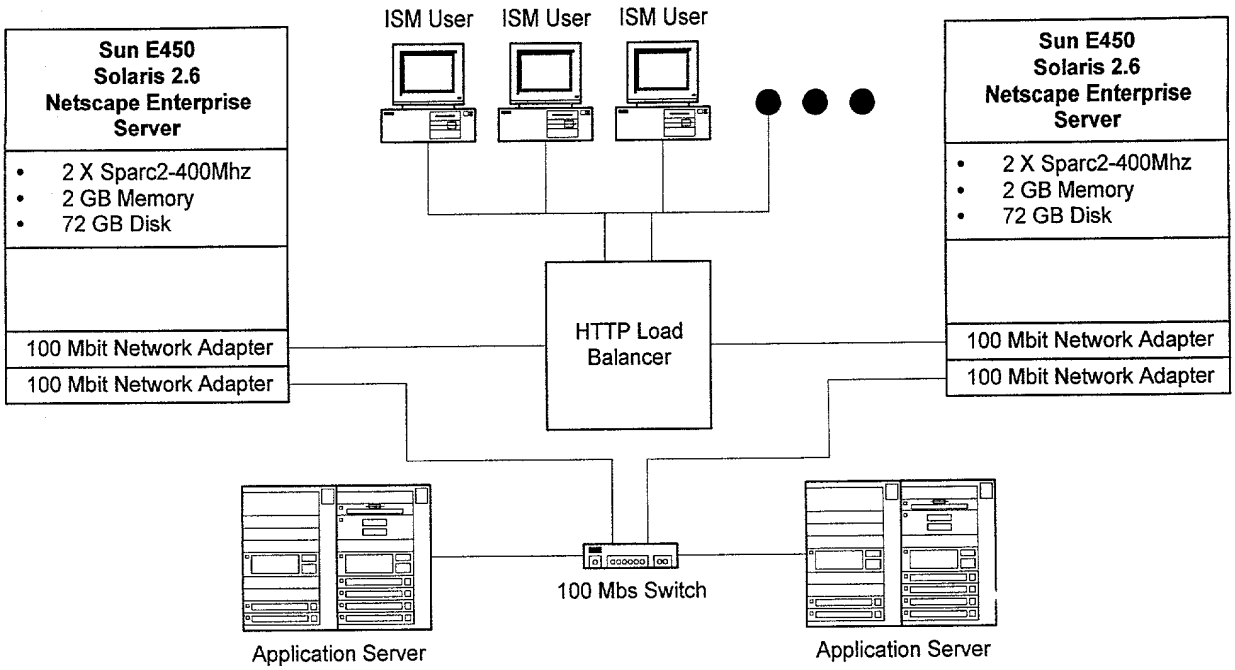
ISM User
ISM User
ISM User
Sun E450
Solaris 2.6
Netscape Enterprise
Server
• 2 X Sparc2-400Mhz
• 2 GB Memory
• 72 GB Disk
100 Mbit Network Adapter
100 Mbit Network Adapter
HTTP Load
Balancer
Sun E450
Solaris 2.6
Netscape Enterprise
Server
• 2 X Sparc2-400Mhz
• 2 GB Memory
• 72 GB Disk
100 Mbit Network Adapter
100 Mbit Network Adapter
100 Mbs Switch
Application Server
Application Server

Figure 48

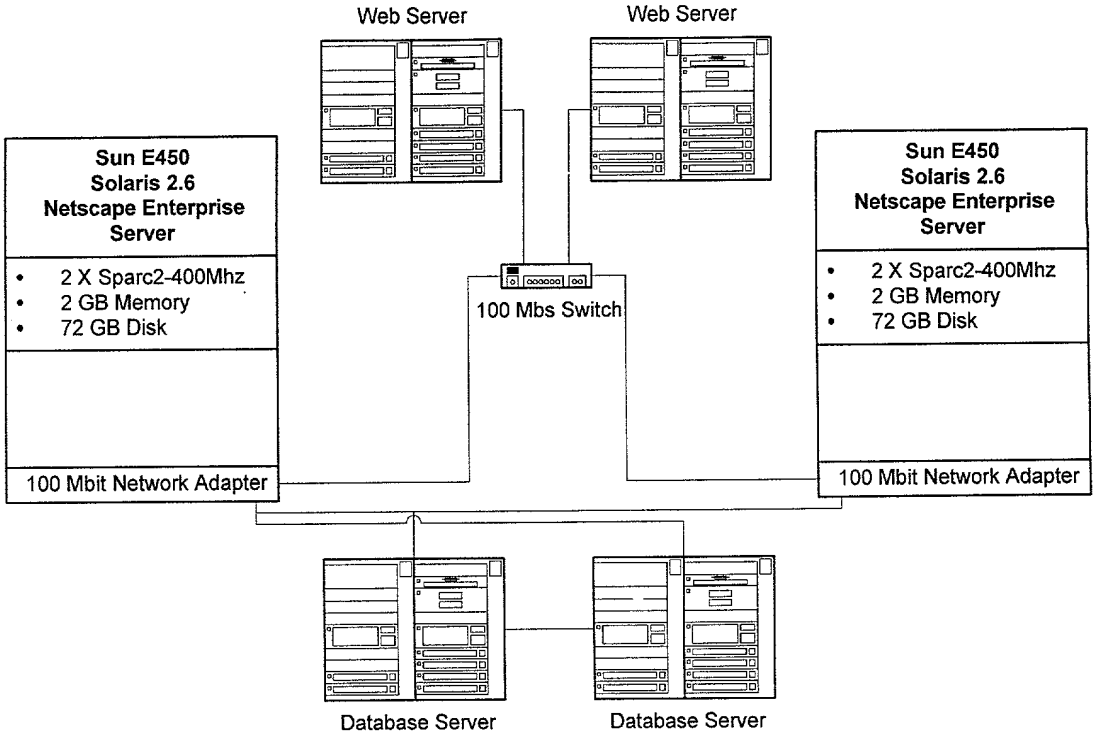

Figure 49

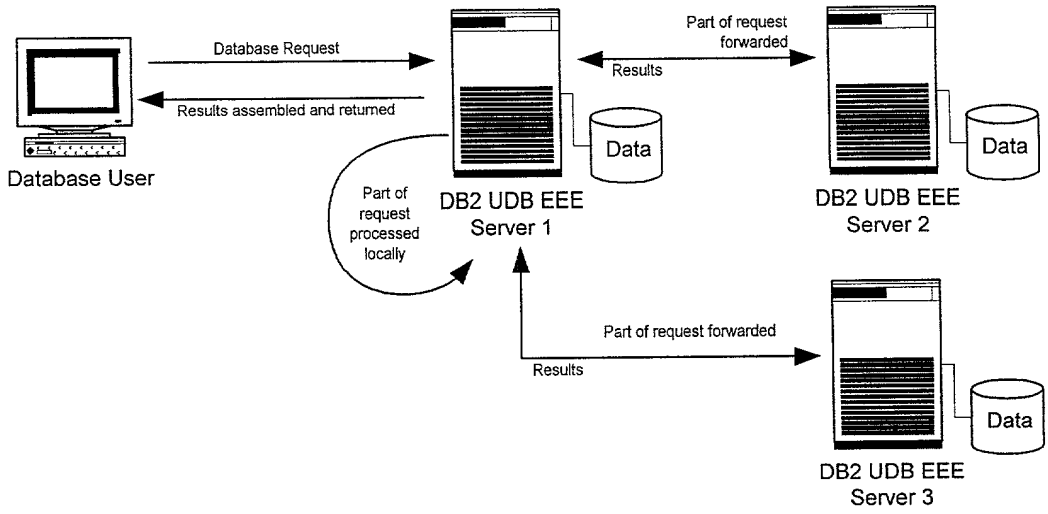

Figure 50

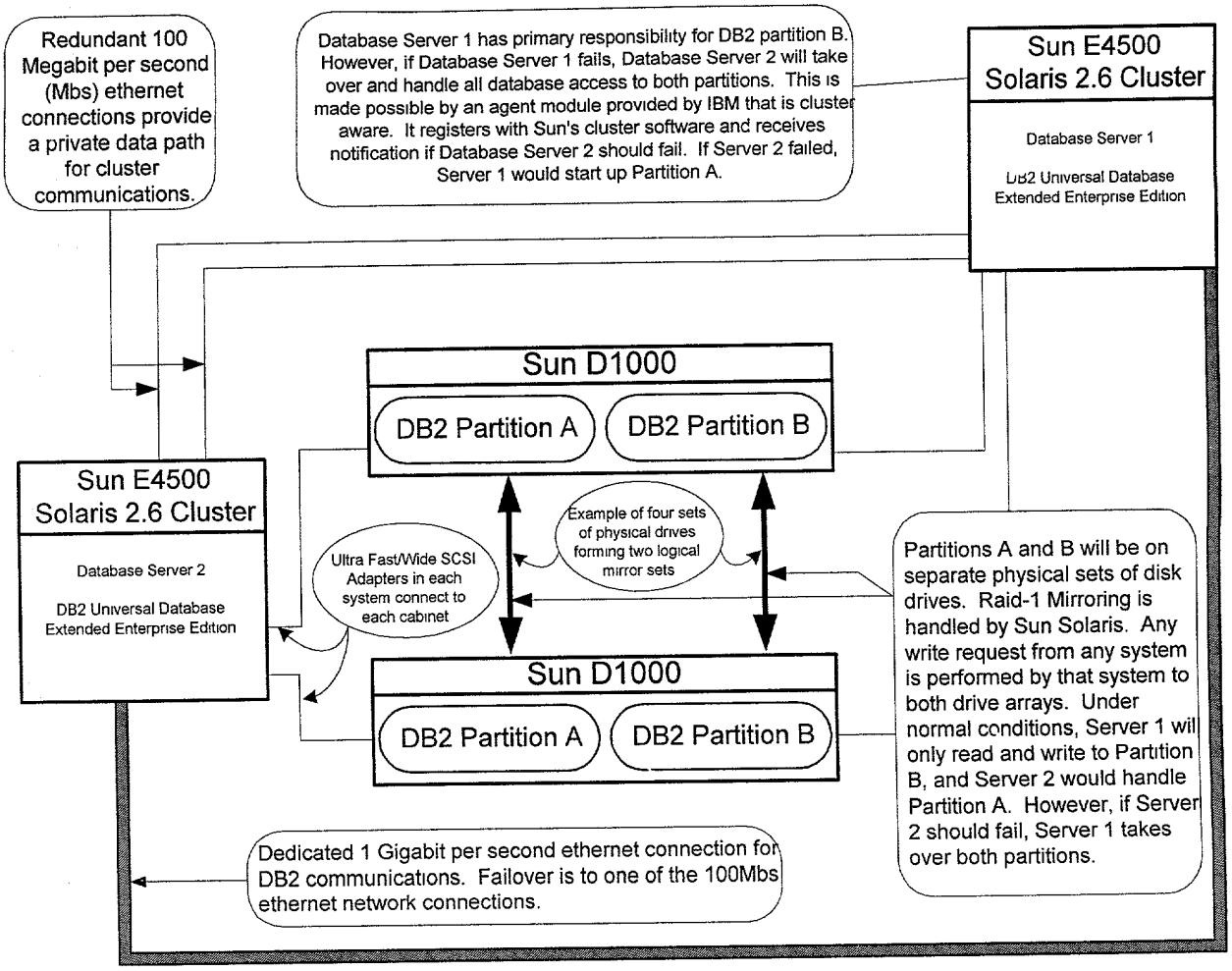
Redundant 100 Megabit per second (Mbs) ethernet connections provide a private data path for cluster communications.
Database Server 1 has primary responsibility for DB2 partition B. However, if Database Server 1 fails, Database Server 2 will take over and handle all database access to both partitions. This is made possible by an agent module provided by IBM that is cluster aware. It registers with Sun's cluster software and receives notification if Database Server 2 should fail. If Server 2 failed, Server 1 would start up Partition A.
Sun E4500 Solaris 2.6 Cluster
Database Server 1
DB2 Universal Database Extended Enterprise Edition
Sun D1000
DB2 Partition A
DB2 Partition B
Sun E4500 Solaris 2.6 Cluster
Database Server 2
DB2 Universal Database Extended Enterprise Edition
Example of four sets of physical drives forming two logical mirror sets
Ultra Fast/Wide SCSI Adapters in each system connect to each cabinet
Sun D1000
DB2 Partition A
DB2 Partition B
Partitions A and B will be on separate physical sets of disk drives. Raid-1 Mirroring is handled by Sun Solaris. Any write request from any system is performed by that system to both drive arrays. Under normal conditions, Server 1 will only read and write to Partition B, and Server 2 would handle Partition A. However, if Server 2 should fail, Server 1 takes over both partitions.
Dedicated 1 Gigabit per second ethernet connection for DB2 communications. Failover is to one of the 100Mbs ethernet network connections.

Figure 51

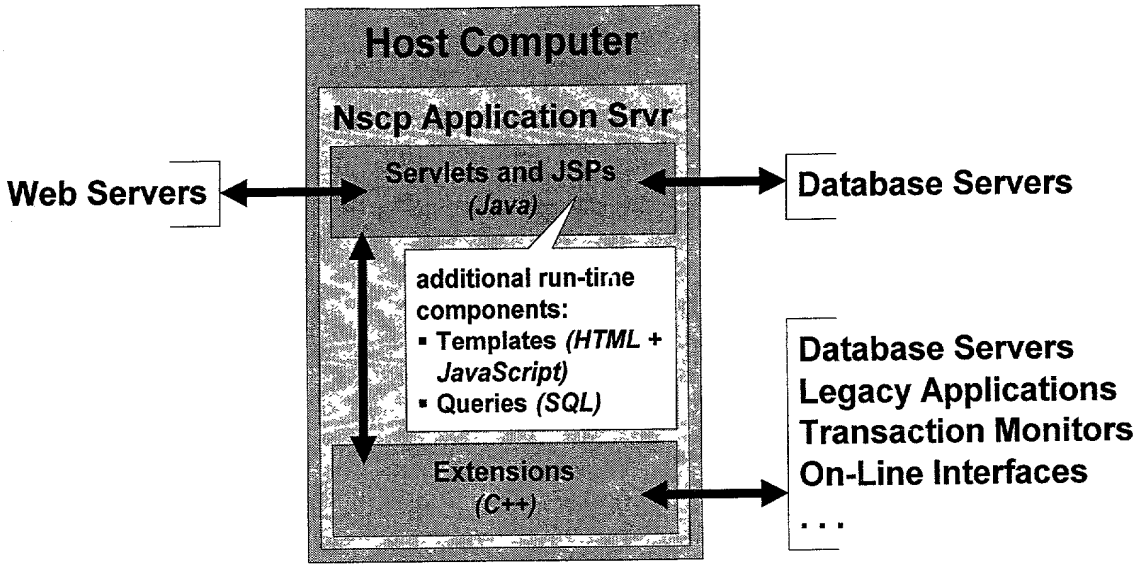

Figure 52

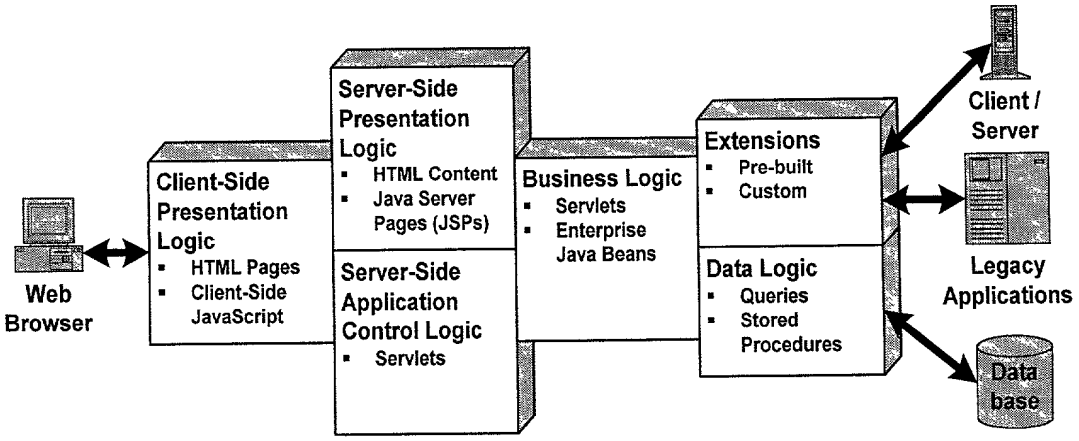

Figure 53

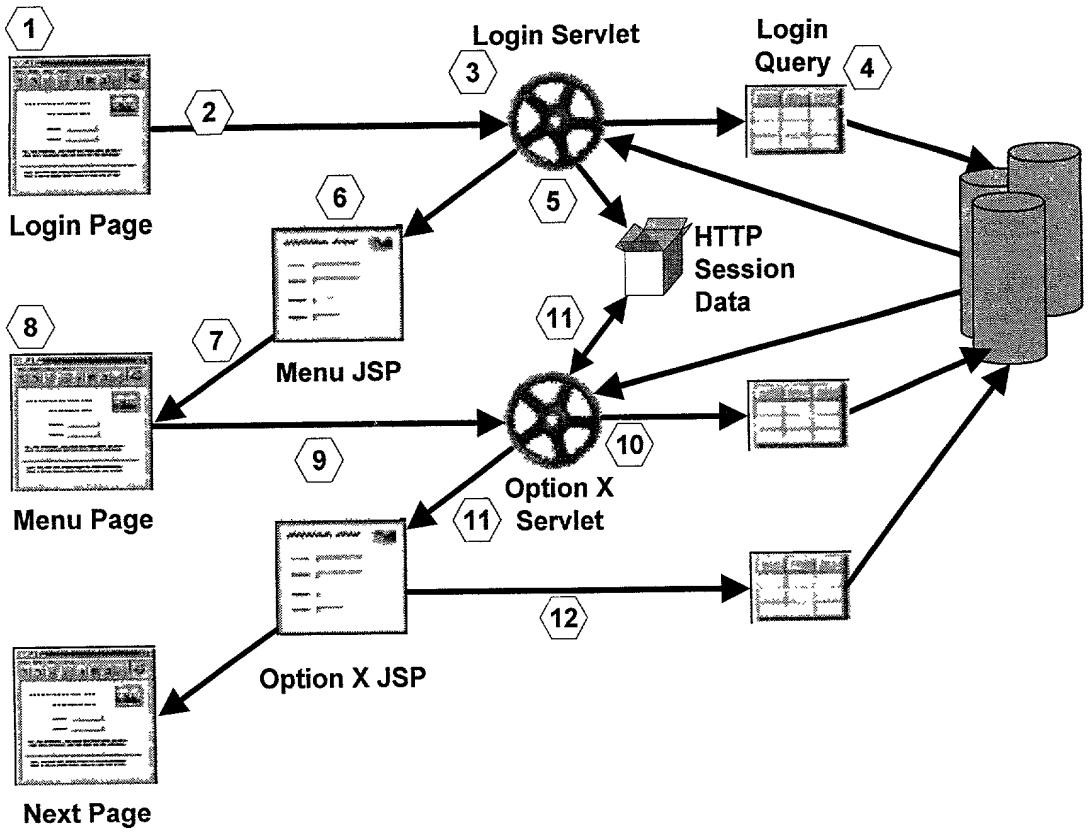
1
Login Page
2
Login Servlet
3
Login
Query
4
5
HTTP
Session
Data
6
Menu JSP
7
8
Menu Page
9
10
11
Option X
Servlet
11
12
Option X JSP
Next Page

Figure 54

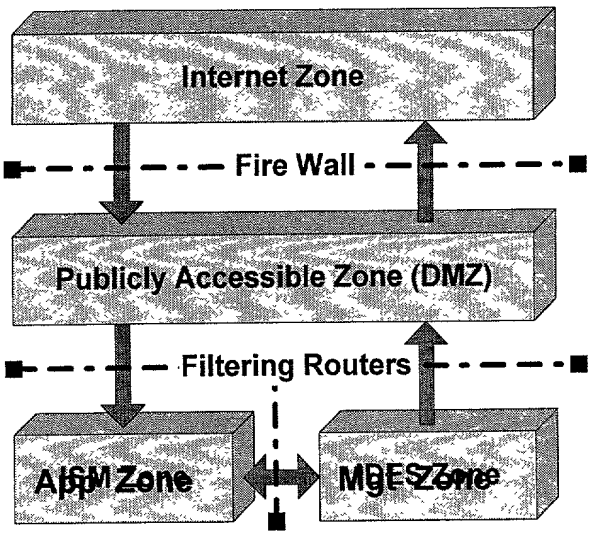

Figure 55

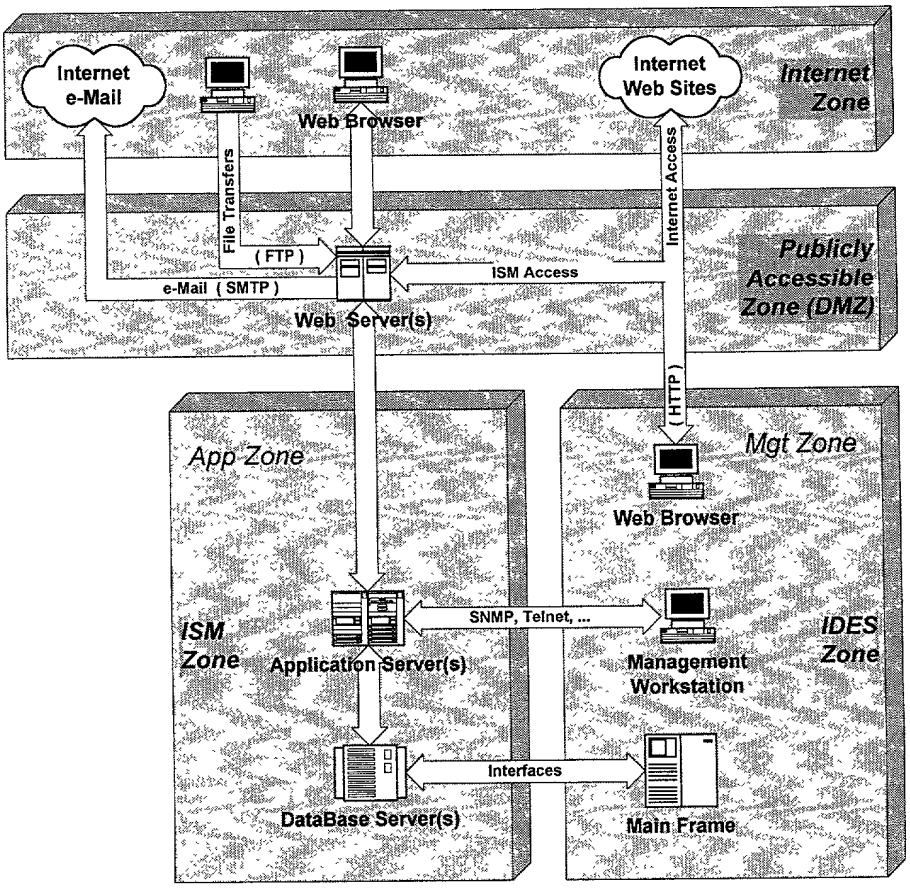

Figure 56

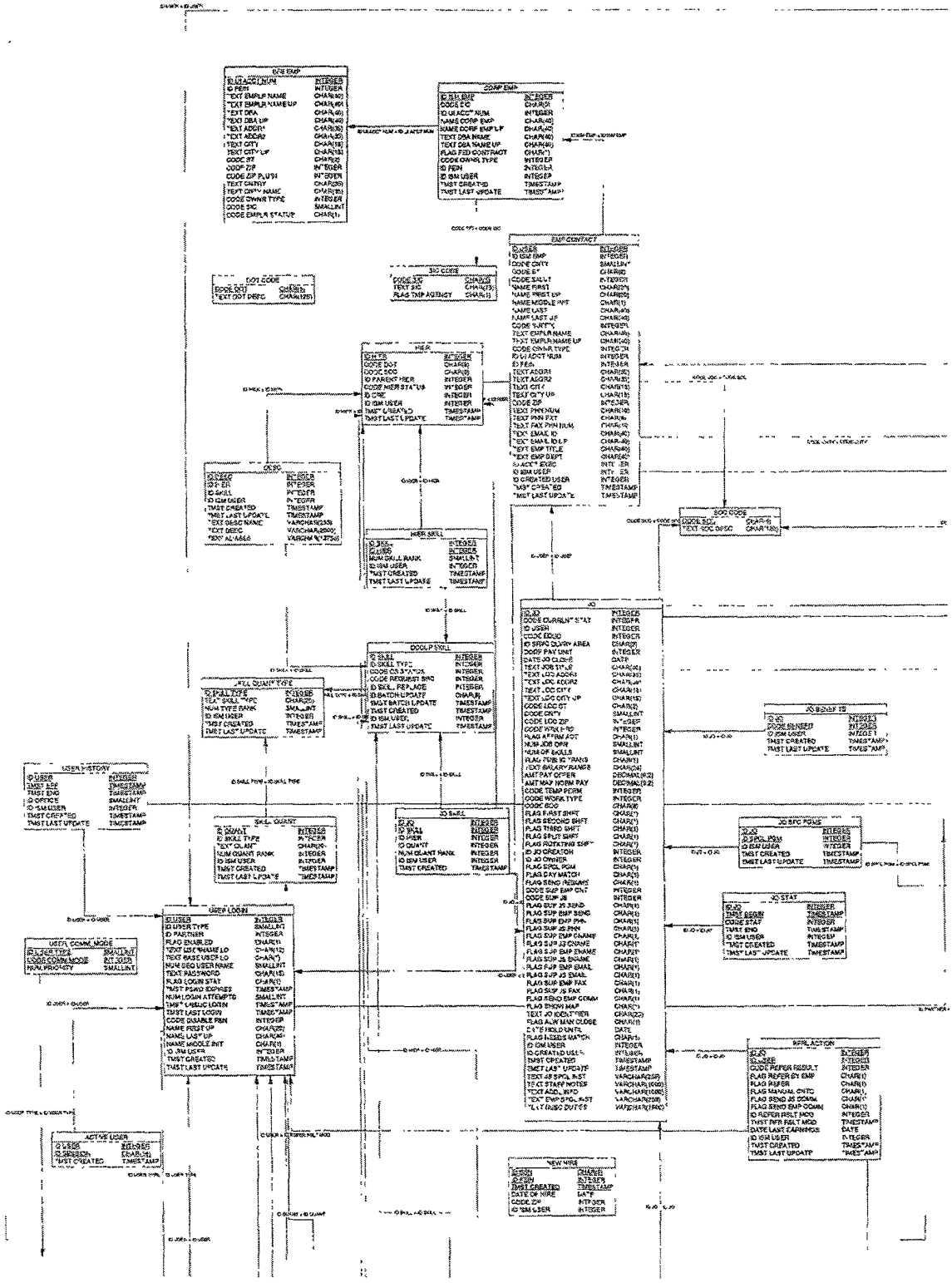

Figure 57

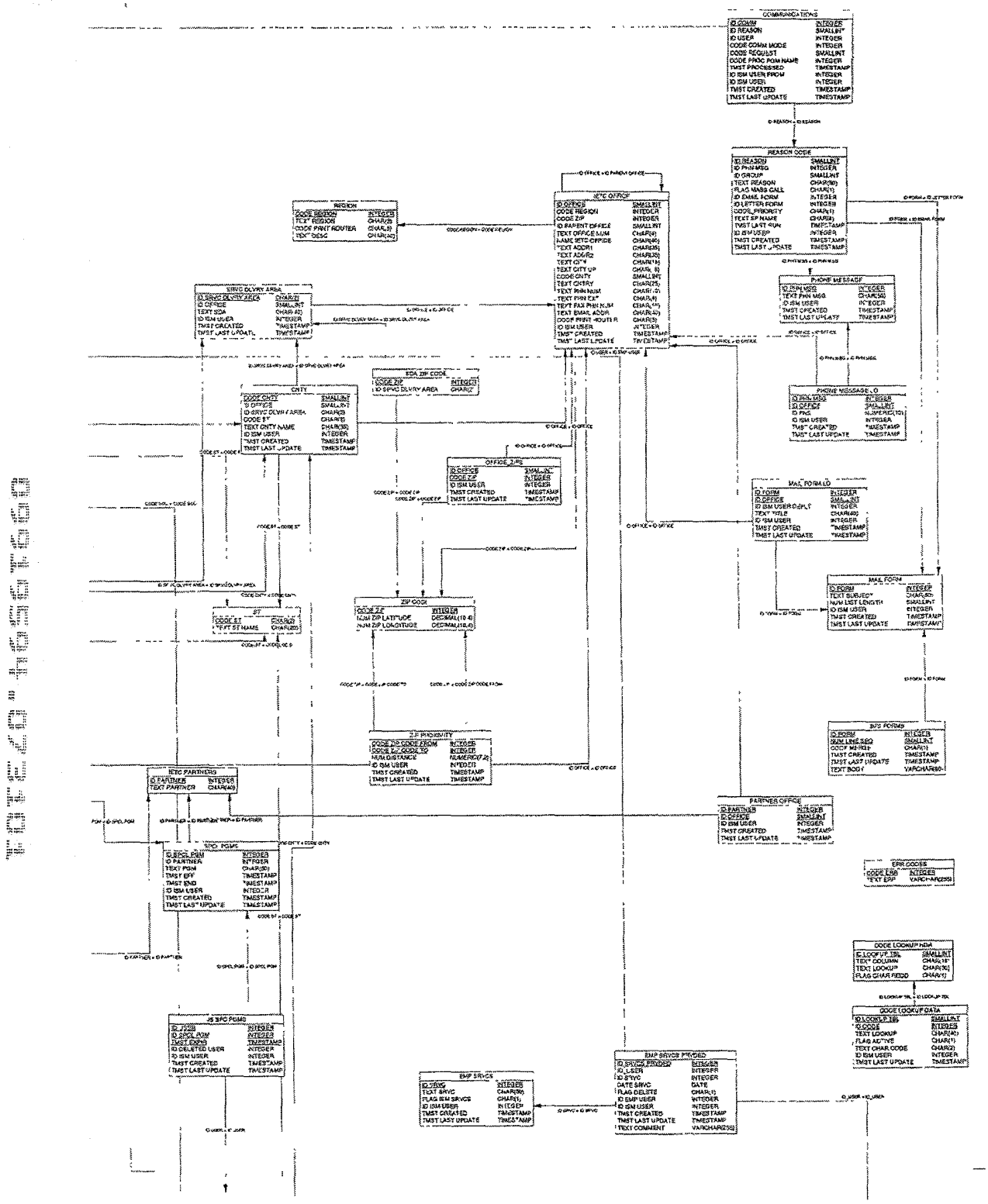

Figure 58

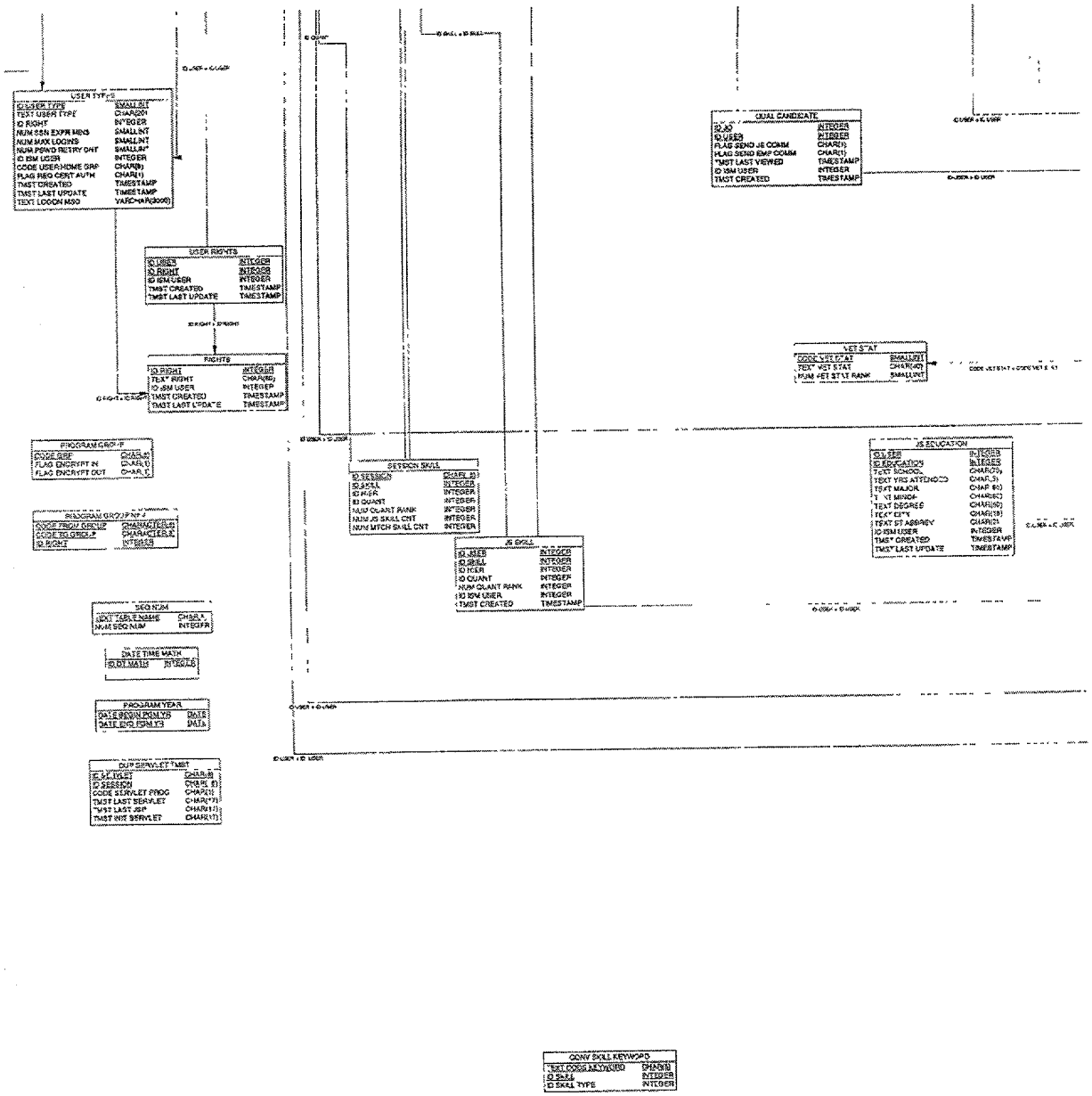
USER TYPE
ID USER TYPE
TEXT USER TYPE
ID RIGHT
NUM SSN EXPIR MINS
NUM MAX LOGINS
NUM PSWD RETRY CNT
ID ISM USER
CODE USER HOME GRP
FLAG REQ CERT AUTH
TMST CREATED
TMST LAST UPDATE
TEXT LOGON MSG
USER RIGHTS
ID USER
ID RIGHT
ID ISM USER
TMST CREATED
TMST LAST UPDATE
RIGHTS
ID RIGHT
TEXT RIGHT
ID ISM USER
TMST CREATED
TMST LAST UPDATE
PROGRAM GROUP P
CODE GRP
FLAG ENCRYPT IN
FLAG ENCRYPT OUT
PROGRAM GROUP P
CODE PRGM GRP
CODE RIGHTS P
ID RIGHT
SEQ NUM
TEXT TABLE NAME
NUM SEQ NUM
DATE TIME MATH
ID DT MATH
PROGRAM YEAR
DATE BEGIN PGM YR
DATE END PGM YR
DUP SERVLET TMST
SESSION SKILL
ID SESSION
ID SKILL
ID USER
ID QUANT
NUM QUANT RANK
NUM JS SKILL CNT
NUM MTCH SKILL CNT
JS SKILL
ID USER
ID SKILL
ID USER
ID QUANT
NUM QUANT RANK
ID ISM USER
TMST CREATED
QUAL CANDIDATE
ID JOB
ID USER
FLAG SEND JS COMM
FLAG SEND EMP COMM
TMST LAST VIEWED
ID ISM USER
TMST CREATED
VET STAT
CODE VET STAT
TEXT VET STAT
NUM VET STAT RANK
JS EDUCATION
ID USER
ID EDUCATION
TEXT SCHOOL
TEXT YRS ATTENDED
TEXT MAJOR
TEXT DEGREE
TEXT CITY
TEXT ST ABBREV
ID ISM USER
TMST CREATED
TMST LAST UPDATE
CONV SKILL KEYWORD
TEXT CONV KEYWORD
ID SKILL
ID SKILL TYPE

Figure 59

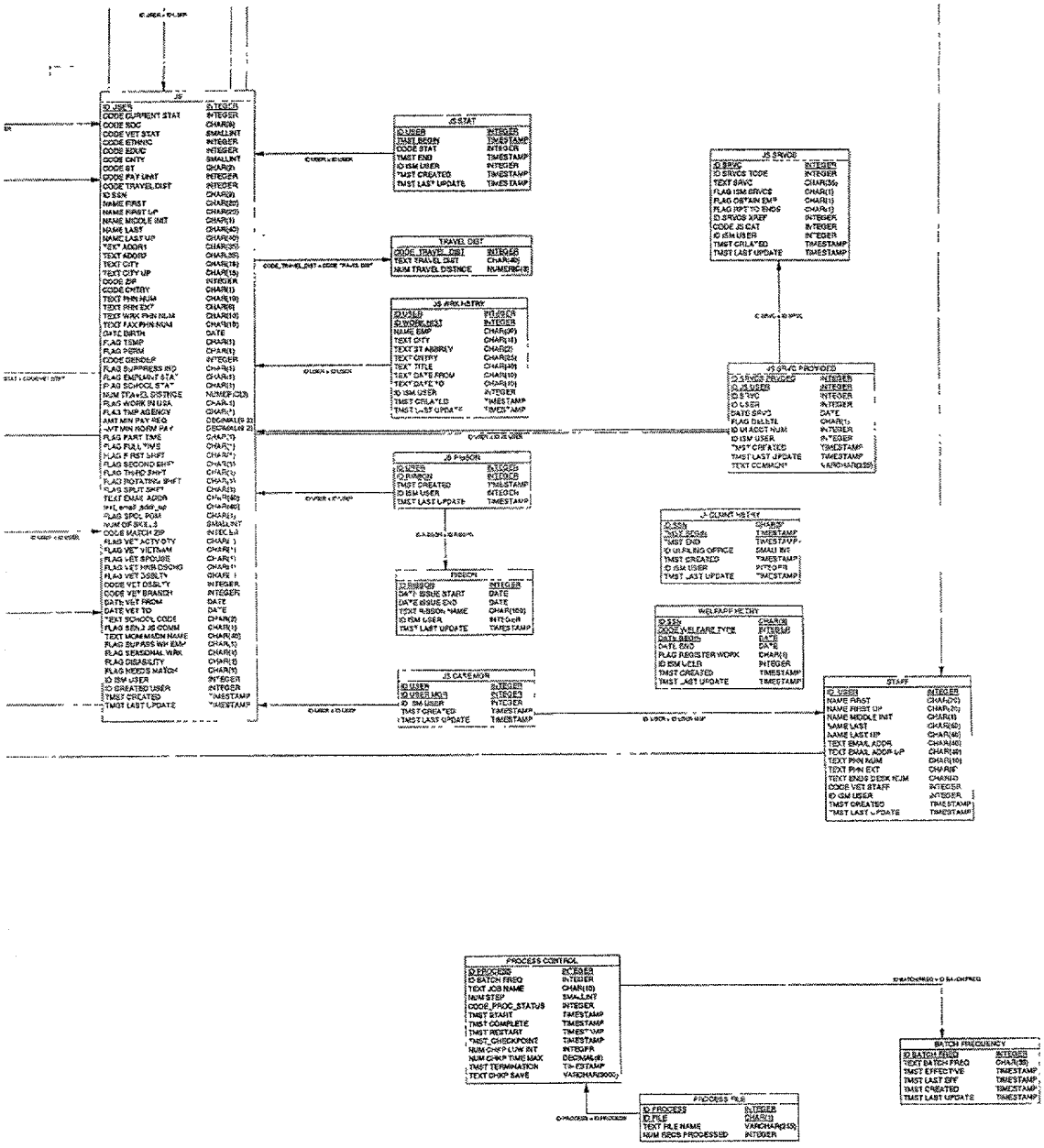

Figure 60